Current Meter, Meteorological, and Sea-Level Observations off Cape Sable, Nova Scotia

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ABSTRACT

Lively, R.R. 1984. Current meter, meteorological, and sea-level observations off Cape Sable, Nova Scotia. Can. Tech. Rep. Hydrogr. Ocean Sci. 40: vi + 494 p.

This report presents the results of the Cape Sable mooring experiment for the time period November 1978 to August 1980. Auxiliary information in this report includes: meteorological data for Yarmouth, Shearwater, Sable Island, Sandy Cove, and sea levels for Yarmouth, Halifax for November 1978 to December 1980, and Shelburne for April 1979 to October 1980.

Résumé

Lively, R.R. 1984. Current meter, meteorological, and sea-level observations off Cape Sable, Nova Scotia. Can Tech. Rep. Hydrogr. Ocean Sci. 40: vi + 494 p.

Le présent rapport renferme les résultats obtenus de Novembre 1978 à août 1980 dans le cadre de l'expérience de mouillage d'instruments menée à Cape Sable. Il renferme également les données météorologiques pour Yarmouth, Shearwater, l'île de Sable et Sandy Cove, les données relatives au niveau de la mer à Yarmouth, et à Halifax pour la période allant de Novembre 1978 à Décembre 1980 et les données relatives au niveau de la mer à Shelburne pour la période allant d'avril 1979 à Octobre 1980.

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INTRODUCTION

This report presents Cape Sable current meter and tide gauge data in a graphical and statistical form for the time period of November 1978 to August 1980. Also included in this report are the auxiliary data relevant to the experiment. The auxiliary data consist of wind data from the meteorological stations at Yarmouth, Shearwater, Sable Island and Sandy Cove as well as the sea levels from Yarmouth, Shelburne and Halifax. The purpose of the experiment was to investigate the following aspects of the circulation off Cape Sable, Nova Scotia: 1) seasonal mean flow and low-frequency (subtidal) variability, 2) tidally-driven "centrifugal" upwelling and 3) tidal mixing versus thermal stratification (Smith, 1979). These studies bear on the overall interaction between the Gulf of Maine and Scotian Shelf as well as local hydrographic structure and dynamics.

The plan of the project was to take measurements for 18 months over a limited area (42°33.0'N to 43°34.0'N, 65°03.0'W to 65°56.0'W). The mooring array for the Cape Sable Experiment (Fig. 1) consisted of a line of four sites (C1-C4) across the shelf at Cape Sable and two sites (C5, C6) off Shelburne. A single mooring consisting of four instruments at depths 15 m, 16 m, 50 m and 100 m was laid at C2 (Fig. 1) in November 1978 as a pilot for the program. The full array started in April 1979 and carried through to August 1980. A performance chart (Fig. 2) shows the data return for each deployment. The overall return of useful data from this portion of the experiment was 85.81%. Each mooring in the full array consisted of at least three Aanderaa current meters one at near-surface (15 m), mid-depth and near-bottom (10 m above bottom). Additional instruments were added to the mooring array, three at site C1 and three at site C2 during the winter deployment (October 1979 to March 1980) to make a detailed study

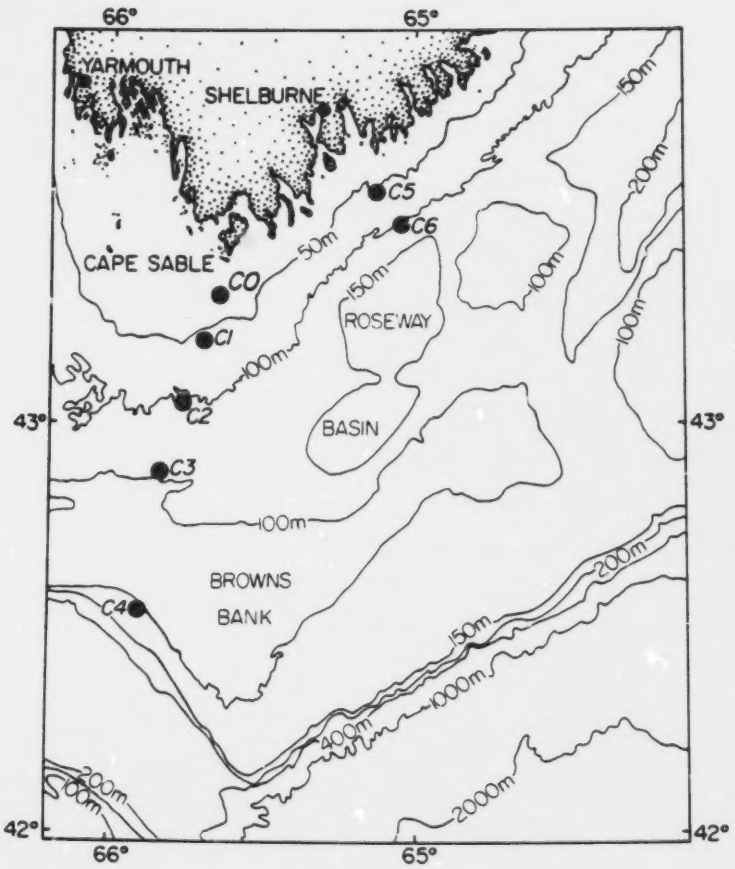
of the tidal boundary layer. During some of the full array deployments bottom pressure was measured at the C2 and C6 mooring sites. Also during most of the full array deployments VACM current meters were shackled to the Aanderaa current meters at sites C1 and C2 to compare the data from the two instruments in the near surface layer (Smith et al., 1984).

Extensive hydrographic surveys of one-two weeks duration were also carried out in the area on the six mooring cruises (Smith and Pritchard, 1984). In addition surface drift (Bezanson, 1983) cards and bottles and several satellite-tracked drogues (Trites, 1983) were deployed as a means of obtaining Lagrangian measurements of the seasonal surface circulation pattern. Sites C1, C2 and an additional site C0 have been continued beyond the termination of the full array for the purpose of long-term temperature monitoring and to supplement tidal boundary layer measurements. The new measurements from C0 should provide sufficient information on the structure of the tidal boundary layer to test various semi-analytical three-dimensional models quantitatively. This has not been possible with the C1 or C2 measurements. The data mentioned in this paragraph are not included in this report. However the current meter data from C1, C2 and C0 will be published in volume two of this report.

MOORING LOCATIONS

The current meter moorings off Cape Sable, Nova Scotia, were originally laid out as in Table 1 and in Figure 1. Some depths and locations of the moorings may vary slightly from one deployment to the next. A table containing mooring positions and accurate depths is given with each mooring period (tables 10 to 14). The majority of the current meter data were collected using Aanderaa current meters. Vector averaging current

meters (VACM) were used at near-surface depths (15 m) on site C2 from November 1978 to April 1979, sites C1 and C2 from April 1979 to October 1979 and from March 1980 to August 1980, sites C2 and C3 from October 1979 to March 1980. Bottom pressure measurements were made at sites C2 and C6 from October 1979 to March 1980 and at site C2 and March 1980 to August 1980 using Aanderaa tide gauges. Moorings at sites C3 and C4 had to be replaced during cruise 79-022 because when they were deployed during cruise 79-007 the magnetic tapes in the instruments were not long enough to last for the original six month period.



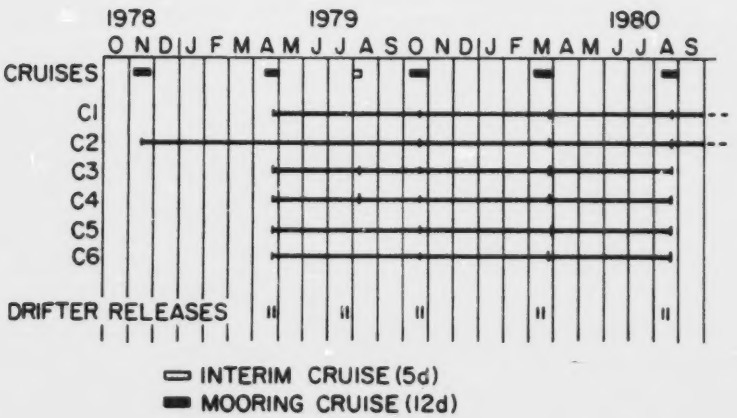


Figure 1 Location of Instruments Moored
off Cape Sable
November 1978 to August 1980

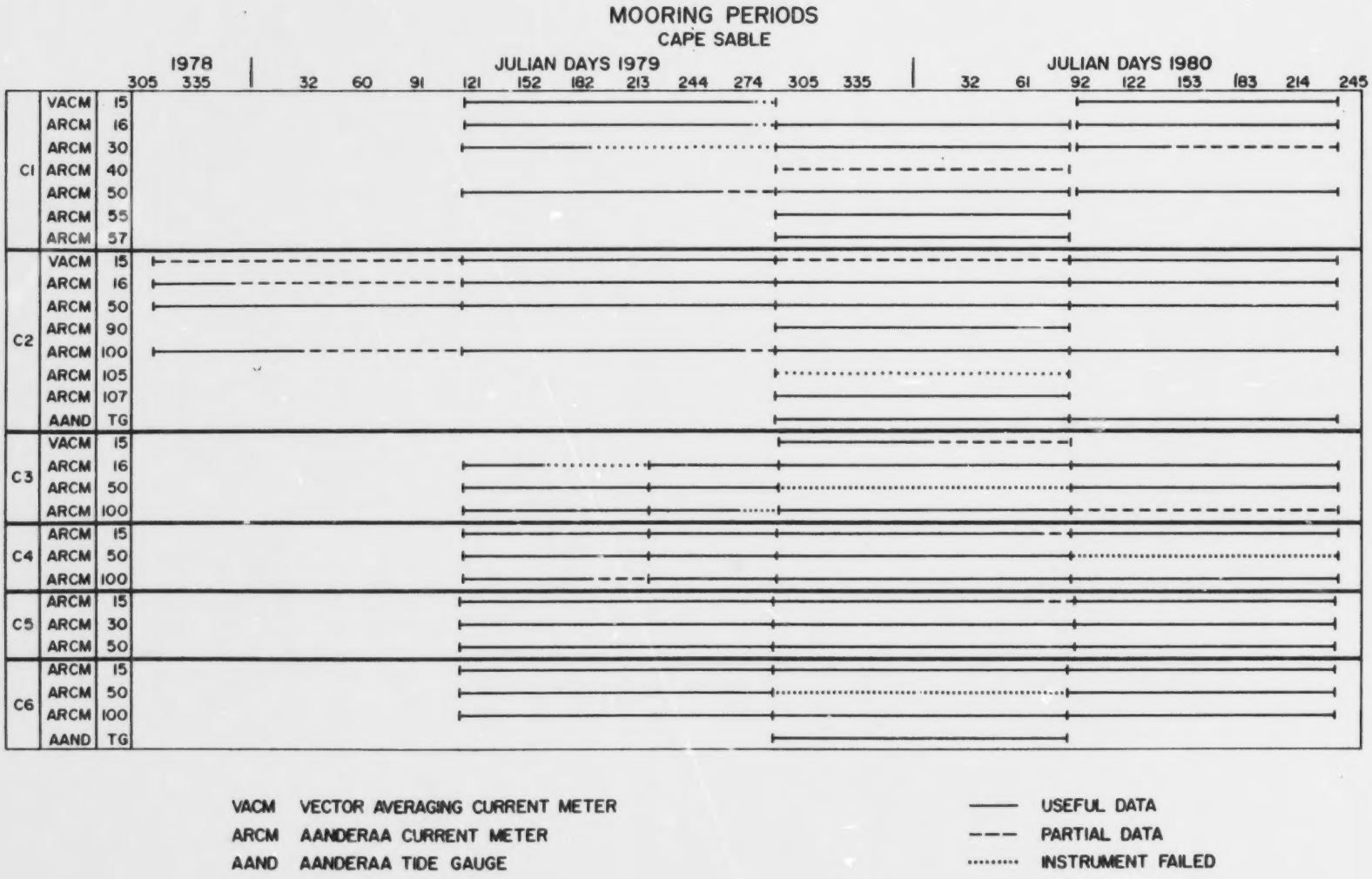


Figure 2 Performance Chart for Instruments Moored During Cape Sable Project, November 1978 to August 1980

TABLE 1

CAPE SABLE MOORING ARRAY

Station	Latitude	Longitude	Sounding	Instrument Depth	Type*
C1	43° 11.5'N	65° 43.0'W	60 m	15 m	VACM
				16 m	Aanderaa CM
				30 m	Aanderaa CM
				40 m+	Aanderaa CM
				50 m	Aanderaa CM
				55 m+	Aanderaa CM
				57 m+	Aanderaa CM
C2	43° 02.0'N	65° 46.0'W	110 m	15 m	VACM
				16 m	Aanderaa CM
				50 m	Aanderaa CM
				90 m+	Aanderaa CM
				100 m	Aanderaa CM
				105 m+	Aanderaa CM
				107 m+	Aanderaa CM
				110 m	Aanderaa TG
C3	42° 52.5'N	65° 50.0'W	110 m	15 m+	VACM
				16 m	Aanderaa CM
				50 m	Aanderaa CM
				100 m	Aanderaa CM
C4	42° 33.0'N	65° 56.0'W	110 m	15 m	Aanderaa CM
				50 m	Aanderaa CM
				100 m	Aanderaa CM

TABLE 1 (Continued)

Station	Latitude	Longitude	Sounding	Instrument Depth	Type*
C5	43° 34.0'N	65° 07.0'W	60 m	15 m	Aanderaa CM
				30 m	Aanderaa CM
				50 m	Aanderaa CM
C6	43° 28.5'N	65° 03.0'W	110 m	15 m	Aanderaa CM
				50 m	Aanderaa CM
				100 m	Aanderaa CM
				110 m	Aanderaa TG

+These depths were used for Cruise 79-027 only.

*Aanderaa CM = Aanderaa current meter

VACM = Vector averaging current meter

Aanderaa TG = Aanderaa tide gauge

DATA ACCURACY

The factory quoted accuracies for the VACM and Aanderaa current meters plus the Aanderaa tide gauges are as follows:

VACM (vector averaging current meter)

CURRENT SPEED	threshold 2.57 cm/sec range 2.57 cm/sec to 308.8 cm/sec rotor constant 34.6 cm water revolution
CURRENT DIRECTION	compass 0°-360°, 2.8° resolution vane 0°-360°, 2.8° resolution
CRYSTAL TIMER	± 1 sec/day
TEMPERATURE	calibrated thermistor ± .01°C standard thermistor ± 0.1°C

AANDERAA (RCM4 and RCM5)

CURRENT SPEED	± 1 cm/sec or ± 2% of actual speed, whichever is greater threshold 1.5 cm/sec
CURRENT DIRECTION	± 5 degrees with speed 5-100 cm/sec
CRYSTAL TIMER	± 2 sec/day
TEMPERATURE	± 0.15°C
CONDUCTIVITY	0 to 70 mmho/cm 0.1% range

AANDERAA TIDE GAUGE

PRESSURE	0.01% of range resolution 0.001% of range
TEMPERATURE	range -5°C to 35°C, 0.05°C resolution 0.01%
CRYSTAL TIMER	± 2 sec/day

The Aanderaa current meters were calibrated for temperature and salinity in-house before and after each deployment. The pre-calibrations were found to be within the manufacturer's specifications. However, in 1982, it was found that different types of growth on the instruments caused

various rates of drift in the conductivity sensors. Salinity comparisons were made between the Aanderaa current meters and nearby CTD stations (Table 2). The differences were not applied to the data in this report. After cleaning, the calibrations of the conductivity cells returned to pre-deployment levels. Compass swings (see below) were done on each Aanderaa current meter before deployment and deviations of order ± 3° were applied in processing the records.

The VACM current meters were calibrated before each deployment for compass error and were found to be within the manufacturer's specifications, if a compass was not within these specifications it was replaced with one that was. Temperature sensors for the VACM current meters are calibrated in-house about once every two years. Then, before each deployment the temperature sensors are tested with a resistance box to make sure the temperatures fall within range of the calibration values. The resistance box is calibrated once a year. A pressure sensor in the Aanderaa tide gauge is calibrated once a year. The temperature sensor was calibrated before each deployment and was found to be within the manufacturer's specifications. However, in 1984 it was found that the pressure sensor would change by ± 1.3 MBAR when the temperature varied by ± 1°C. This was originally stated in the manufacturer's specifications in 1978 but not in any specification publications thereafter.

DATA PROCESSING

The data that were recorded by the Aanderaa current meters were translated to computer-compatible tape. The encoder numbers were converted to physical units in the following manner:

(a) Current Speed: using the encoder readings (N), the sampling interval (ΔT) and the revolution count (R) were converted by speed (m/s) = $.01[N(0.70(R/\Delta T))+1.5]$.

(b) Current Direction: before all the cruises a compass swing was done for each Aanderaa current meter moored on the cruise. Each instrument was placed on a compass swing table and rotated clockwise in 10.25° increments through a complete revolution and then counterclockwise through a complete revolution. The readings for clockwise and counterclockwise revolutions were averaged to produce the calibration points used to correct the direction readings. The current meter readings are converted to direction by linear interpolation between compass calibration points. The local magnetic variation was taken from chart 5375 (Haslan, 1981).

(c) Temperature: calculated using quadratic least squares fit to the in-house calibration data.

(d) Conductivity: the linear relationship based on in-house calibrations performed on each sensor. The temperature, conductivity and pressure values were then used to calculate salinity using the UNESCO formula (Perkin and Lewis, 1980). No account was taken of the mismatch between temperature and conductivity sensor responses.

Pressure data recorded on the Aanderaa tide gauges were translated to computer-compatible tape. The encoder numbers were converted to physical units in the following manner:

(a) Pressure: raw data are recorded in 10 bit binary words from the gauge. The oscillation of a pressure crystal compared with a time interval yields a period of crystal vibration (P). Total absolute pressure (water and air) is then extracted using the following equation:

$$\text{Total Pressure (in PSI)} = \left[A\left\{\frac{1-\tau_o}{P}\right\} - B\left\{\frac{1-\tau_o}{P}\right\}^2\right]$$

where τ_o is the period of crystal at zero pressure and A, B are coefficients describing the quadratic function. τ_o, A and B are determined for each specific gauge crystal by in-house pressure calibrations. Total pressure in PSI is converted to millibars by multiplying by a factor of 68.947. An arbitrary low water datum is then selected by reducing the entire time series by the lowest pressure encountered (which would always occur at lowest normal tide).

(b) Temperature: the data are recorded in 10 bit binary words from the gauge. These are converted to decimal equivalents of readings varying from 0 to 1023 (R). Temperatures in hundredths of degree Celsius are calculated using the following equation:

$$\text{Temperature} = C_1 + (C_2 * R) + (C_3 * R)^2 + (C_4 * R)^3$$

This equation is determined by using in-house temperature calibrations where a third order polynomial is fitted to actual sensor readings through a variety of temperature values (-2°C to 20°C).

The data that were recorded on the vector averaging current meters (VACM) were translated to computer-compatible tape using a series of programs available from Ocean Circulation Division at Bedford Institute (Hendry, 1979). The raw data were converted to physical units in the following manner:

(a) Cartescan Velocity Components E and N: the speed is measured with a 10 cm Savonius rotor but direction is sensed by a small (17 X 9 cm) vane with a 1 sec time constant. Every eighth of a revolution of the

rotor, the compass and vane orientations are measured and combined to give a discrete current direction which is then converted to Cartesian velocity components. For the duration of the sampling interval, these components are summed to produce a true vector-average velocity measurement over a number of intermediate samples which is then proportional to current speed.

(b) Total Rotor Count: calculated by using the equation speed (mm/s) = SO + ALPHA * YROT * FREQ where SO is equal to 16 mm/s (is a stall speed), ALPHA is equal to 346 mm/revolution (a rotor calibration), YROT is the raw rotor count (eight times the number of rotor revolutions, since there are eight magnets attached around the circumference of the rotor which are counted by a rotor relay) and FREQ = 1.0/(8.0*DT):DT is the sample interval in seconds (usually 900 s = 15 m).

(c) Instantaneous Direction: is computed as the difference between compass and vane orientations which are recorded in 7-level binary (360° = 128 divisions). Hence the resolution is 360°/128 = 2.8°.

The absolute direction reference (angle of section = direction of the v-component) is defined by the relation: Angle of section = VAR2 + (-VARI-X) where VAR2 is the magnetic declination at the deployment site and (-VARI-X) is a correction (usually small) due to the misalignment of the VACM vane follower as determined by a laboratory calibration: VARI is the magnetic declination at the calibration site (normally -21 at BIO) and X is the vane reading determined in the calibration. If the vane correction is negligible then the direction will be referenced to 0° magnetic north at the deployment site.

(d) Temperature: output is the frequency of an oscillator circuit which includes a thermistor and two sets of calibrations are needed to get from frequency to temperature (Payne et al., 1976).

(1) Frequency/Resistance Calibration

Two pairs of frequency and resistance values are needed to derive the relationship between frequency and resistance of the temperature bridge. The default values for resistance and period are:

$R_1 = 74434$, $P_1 = 1820.412 * 10^{-6}$s (nominal 5°C)

$R_2 = 29998$, $P_2 = 1096.765 * 10^{-6}$s (nominal 25°C)

The total resistance can be calculated by the following equation:

$$Rt = \frac{\{\frac{1}{p} + K_2\}^{R_s}}{K_1 - K_2\frac{1}{p}}$$

where $P = T_s/N$ = period of V/F output

$$K_1 = \{\frac{1}{P_2} - \frac{1}{P_1}\}/D$$

$$K_2 = [\frac{R_1}{P_2(R_s+R_1)} - \frac{R_2}{P_1(R_s+R_2)}]/D$$

and R_1, R_2, P_1, P_2 are the input resistances and output periods of two V/F calibration points.

(2) Resistance-Temperature Calibration

A function form

$1/(T + 273.15) = A + B(\log_e R) + C(\log_e R)^3$

gives a good fit to the temperature-resistance characteristic of

of a VACM thermistor. The nominal temperature calibration given by the manufacture (VACM Manual, P. 3-9) gives the coefficients

$A = 9.30590*10^{-4}$

$B = 2.21700*10^{-4}$

$C = 1.25554*10^{-7}$

R = total resistance (R_t)

DATA PRESENTATION

The volume contains graphical and statistical representations of meteorological data for Yarmouth, Shearwater, Sable Island and Sandy Cove (November 1978 to December 1980) and current meter data from cruises 78-031, 79-007, 79-022, 79-027 and 80-006. The mooring period covered is from November 1978 to August 1980. Also included are the sea levels for Yarmouth, Halifax, Shelburne (November 1978 to December 1980) and the tide gauges deployed on cruises 79-027 and 80-006 at sites C2 and C6. Instruments deployed after the main mooring array (August 1980) can be found in volume 2 of this report.

The data in this volume are presented in the following order:

(a) Statistical tables of the meteorological data (Table 3) for Yarmouth, Shearwater, Sable Island, Sandy Cove and statistical tables of the sea level data (Table 4) for Shelburne, Yarmouth, Halifax are broken up into the same time periods as the current meter moorings, these are followed by the statistical tables for the current meters and the tide gauges (Tables 5, 6).

(b) Tidal tables which include record-mean tidal ellipses for the current velocity, tidal constituents for temperature, salinity, sigma-t from the current meters (Table 7), tidal constituents for pressure and

temperature from the tide gauges (Table 8) are for the full length of the records, the general tidal constituents for sea level data from Yarmouth, Halifax, Shelburne (Table 9) are for the current meter mooring periods where the data runs for a duration of 29 days or more.

(c) Wind velocity as a progressive vector at 1-hour intervals (November 1978 to December 1980 for this plot only) and stick plots filtered and subsampled at 6-hour intervals for Yarmouth, Shearwater, Sable Island, Sandy Cove.

(d) Meteorological data plotted as a time series filtered and subsampled at 6-hour intervals for Yarmouth, Shearwater, Sable Island and Sandy Cove.

(e) Sea level data plotted as 1-hour time series and again as a time series filtered and subsampled at 6-hour intervals for Yarmouth, Halifax, Shelburne.

(f) Current velocity as a progressive vector (1 hour intervals) and stick plots filtered and subsampled at 6-hour intervals.

(g) Rate, true direction, temperature and salinity as a time series plot (1-hour interval).

(h) Current velocity (u and v-component), temperature, salinity and sigma-t as a time series plot filtered and subsampled at 6-hour intervals.

(i) Current velocity as a joint distribution diagram.

(j) Temperature and salinity as a joint distribution diagram.

All graphs were computer produced and plotted on an incremental plotter. Day numbers on the graphs are in Julian days. Time series and stick plots for the meteorological data are presented in 90 day segments and sea level time series plots are presented in 183 day segments. Current

meter time series and stick plots, as well as tide gauge time plots are presented in 170 day segments. The progressive vector diagrams for the current meter data are for the entire mooring period. The arrows on the progressive vector and stick diagrams represent the direction of true north. The meteorological data were resolved using an angle section of 0° and the current meter data were resolved using an angle section of (roughly along isobaths) 104° for sites C1, C2, C3 and 53° for sites C5, C6. The filtered data at 6-hour intervals was created from 1-hour intervals using a Cartwright low-pass filter with 129 weights and a cutoff frequency of 0.036 cph (25% power is passed at 28.4 hours) (AOL, 1979). The wind stress (TAUX, TAUY) were calculated by using a quadratic stress law where the drag coefficient (depending on the wind speed) is removed from the surface 10 meter winds (Smith and Banke, 1975). A performance chart (Fig. 2) gives the data return of each instrument moored for the entire experiment. The graphs and statistical diagrams for the current meters and tide gauges are ordered sequentially by cruise number, consecutive station number and depth. Each set of diagrams for the cruise is preceeded by a table (Tables 10-14) giving the accurate depth, latitude, longitude, sounding, instrument number and type) and comments on each instrument.

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TABLE 2

FIELD CALIBRATIONS FOR CAPE SABLE SALINITY MEASUREMENTS
APRIL, 1979 TO AUGUST, 1980

SITE (depth)	SUMMER 79-007 (ΔS±σ)✓ START	SUMMER 79-007 (ΔS±σ)✓ END	WINTER 79-027 (ΔS±σ) START	WINTER 79-027 (ΔS±σ) END	SUMMER 80-006 (ΔS±σ) START	SUMMER 80-006 (ΔS±σ) END
C1 (15)	0.6±0.2	-0.4±0.3	0.2±0.3	-0.2±0.5	0.1 ±0.1	0 ±0.4*
	(309) X		(357)		(380)	
(30)	-0.1±0.1	short	0.2±0.3	0 ±0.05	0.04±0.1	-1.4±0.3*
(40)			0.5±0.3	encoder		
(50)	-0.1±0.1	0.2±0.3	0.3±0.3	0 ±0.05	0 ±0.5	-0.6±0.1*
(55)			Failed			
(57)			0 ±0.3	0.1±0.05		
C2 (15)	-0.1±0.05	-0.3±0.05	-0.1±0.1	-0.2±0.05	0.1 ±0.1	0 ±0.3
	(310)		(358)		(381)	
(50)	0 ±0.2	-0.2±0.2	-0.1±0.2	0 ±0.2	0.1 ±0.2	0 ±0.2
(90)			-0.1±0.1	0 ±0.2		
(100)	0 ±0.2	-1.3±0.2	0.1±0.1	0 ±0.3	0.1 ±0.3	0.2±0.3
(105)						
(107)			0 ±0.1	0 ±0.3		
C3 (15)	0 ±0.1 0 ±0.1	short 0 ±0.2	-0.1±0.1	-0.1±0.2	0 ±0.2	0.2±0.2
	(311/348)		(359)		(382)	
(50)	0 ±0.1 -0.1±0.1	-0.1±0.2 -0.2±0.2	Failed		0 ±0.1	0.2±0.2
(100)	0 ±0.1 0 ±0.2	0.1±0.2 -0.3±0.1	0.2±0.2	0 ±0.1	0.3 ±0.1	0.1±0.1
C4 (15)	0 ±0.05 0 ±0.1	0.1±0.1 0 ±0.1	0.1±0.1	0.1±0.1	0 ±0.1	-0.3±0.2+
	(326/349)		(360)		(383)	
(50)	0 ±0.4 -0.2±0.2	0.1±0.1 0 ±0.2	0 ±0.1	-0.2±0.3*	Failed	
(100)	0 ±0.3 0.3±0.3	-0.5±0.7* 0 ±0.1	0 ±0.2	-0.3±0.1	0 ±0.3	-0.7±0.2+

TABLE 2 (Continued)

SITE (depth)	SUMMER 79-007 (ΔS±σ)✓ START	SUMMER 79-007 (ΔS±σ)✓ END	WINTER 79-027 (ΔS±σ) START	WINTER 79-027 (ΔS±σ) END	SUMMER 80-006 (ΔS±σ) START	SUMMER 80-006 (ΔS±σ) END
C5 (15)	-0.1±0.1	-0.3±0.2	0 ±0.1	-0.1±0.1	-0.2±0.1+	-0.5±0.1
	(340)X		(361)		(384)	
(30)	0 ±0.1	-1.2±0.2	0 ±0.3*	-0.1±0.1	0 ±0.1	0.3±0.3*
(50)	0 ±0.1	-1.5±0.1	0 ±0.1	0 ±0.1	0 ±0.1	0 ±0.1
C6 (15)	-0.05±0.05	-1.3±0.1**	-0.2±0.05	-0.1±0.05	0.1±0.1	-0.5±0.2*
	(341)		(362)		(385)	
(50)	0 ±0.3	0 ±0.2	Failed		0 ±0.05	0.2±0.2
(100)	0.2±0.3	-0.3±0.2	0.1±0.1	0 ±0.5	0 ±0.3	-0.3±0.3

✓ $\Delta S = S_{CM} - S_{CTD}$, $\pm\sigma$ = estimated accuracy of comparison

○ Significant offset exceeds 0.5°/₀₀

* environmental variability

** large dip in middle record $\Delta S \leq -3.0$

\+ large dip $\Delta S \leq -3.0$ d 240-d 290

X (consecutive mooring number)

TABLE 3

OVERALL STATISTICS FOR METEOROLOGICAL DATA

STATION	No. of Hourly Samples	U ($m\ s^{-1}$)*			V ($m\ s^{-1}$)*			BAROMETRIC PRESSURE (KPa)			TAUX (PASCALS)			TAUY (PASCALS)			Time Span
		Mean	σ_1+	σ_6+	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	
YARMOUTH	3624	1.358	3.727	3.438	-1.186	4.039	3.788	1014	13.780	13.850	0.015	0.046	0.041	-0.010	0.048	0.043	01/11/78 to 31/03/79
	4335	1.205	3.315	2.945	1.025	3.588	3.219	1017	6.286	6.225	0.010	0.033	0.028	0.008	0.037	0.031	01/04/79 to 30/09/79
	3480	1.860	4.637	4.332	-1.605	4.337	4.000	1012	10.477	10.410	0.029	0.072	0.066	-0.021	0.063	0.055	01/10/79 to 31/03/80
	4392	1.219	3.325	2.888	0.706	3.302	2.902	1014	7.265	7.232	0.008	0.031	0.026	0.005	0.033	0.027	01/04/80 to 30/09/80
	2208	1.870	3.675	3.333	-1.366	4.227	3.865	1013	10.454	10.351	0.022	0.050	0.044	-0.019	0.059	0.053	01/10/80 to 31/12/80
SHEARWATER	3624	1.586	3.807	3.527	-0.807	4.214	3.915	1013	14.305	14.371	0.014	0.050	0.043	-0.006	0.056	0.050	01/11/78 to 31/03/79
	4392	0.405	2.804	2.479	0.611	3.159	2.760	1016	6.776	6.728	0.001	0.027	0.021	0.003	0.030	0.023	01/04/79 to 30/09/80
	4392	1.521	3.580	3.237	0.710	3.856	3.488	1013	11.278	11.205	0.013	0.046	0.038	-0.005	0.056	0.047	01/10/79 to 31/03/80
	4392	0.405	2.834	2.517	0.625	3.154	2.660	1013	7.570	7.532	0.001	0.036	0.031	0.004	0.031	0.024	01/04/80 to 30/09/80
	2208	1.675	3.679	3.262	-0.544	3.708	3.413	1012	11.256	11.095	0.013	0.054	0.043	-0.007	0.053	0.046	01/10/80 to 31/12/80

+(σ_1,σ_6) = standard deviations of 1-hr and 6-hr data

*(U,V) (East,North) components of wind velocity

TABLE 3 (Continued)

STATION	No. of Hourly Samples	U ($m\ s^{-1}$)*			V ($m\ s^{-1}$)*			BAROMETRIC PRESSURE (KPa)			TAUX (PASCALS)			TAUY (PASCALS)			Time Span
		Mean	σ_1+	σ_6+	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	
SABLE ISLAND	3624	2.777	6.706	6.364	-0.686	5.948	5.615	1013	14.767	14.837	0.057	0.162	0.147	-0.018	0.142	0.130	01/11/78 to 31/03/79
	4392	1.054	4.428	4.093	1.740	4.587	4.319	1017	6.714	6.672	0.012	0.062	0.053	0.018	0.070	0.061	01/04/79 to 30/09/79
	4392	2.730	6.962	6.565	-0.103	6.154	5.802	1012	11.854	11.765	0.054	0.173	0.156	-0.006	0.151	0.135	01/10/79 to 31/03/80
	4392	0.874	4.331	4.044	1.368	4.132	3.846	1014	7.674	7.642	0.004	0.072	0.064	0.013	0.055	0.048	01/04/80 to 30/09/80
	2207	2.569	5.723	5.268	-0.143	4.910	4.469	1011	12.046	11.871	0.034	0.138	0.121	-0.011	0.118	0.099	01/10/80 to 31/12/80
SANDY COVE	3608	1.242	5.025	4.581	-1.150	4.747	4.338				0.016	0.105	0.091	-0.001	0.090	0.079	01/11/78 to 31/03/79
	4333	1.386	4.189	3.812	0.386	3.348	2.685				0.014	0.055	0.045	0.007	0.045	0.034	01/04/79 to 31/03/80
	3395	1.435	5.092	4.739	-1.146	4.713	4.251				0.022	0.102	0.088	-0.002	0.093	0.079	01/10/79 to 31/03/80
	3924	1.240	4.225	3.804	0.501	3.323	2.663				0.008	0.068	0.060	0.008	0.043	0.034	01/04/80 to 30/09/80
	1962	1.951	4.726	4.196	-1.080	4.960	4.501				0.012	0.114	0.095	-0.001	0.095	0.081	01/10/80 to 31/12/80

+(σ_1,σ_6) = standard deviations of 1-hr and 6-hr data

*(U,V) (East,North) components of wind velocity

TABLE 4

OVERALL STATISTICS FOR SEA LEVELS

SITE	No. of Hourly Samples	SEA LEVEL (CM)*			Time Span
		Mean	σ_1+	σ_6+	
Yarmouth	3618	251.9	127.9	15.5	01/11/78 to 31/03/79
Halifax	3618	133.2	52.7	16.4	
Shelburne	2931	130.4	58.5	7.5	01/04/79 to 30/09/79
Yarmouth	3049	245.1	126.3	7.6	
Halifax	4151	122.9	49.6	7.0	
Shelburne	4247	133.4	59.1	14.3	01/10/79 to 31/03/80
Yarmouth	3931	246.9	124.7	11.9	
Halifax	4359	128.6	50.8	11.6	
Shelburne	4359	129.7	58.9	8.9	01/04/80 to 30/09/80
Yarmouth	3805	247.2	126.9	7.8	
Halifax	3658	125.4	50.1	8.9	
Shelburne	568	134.5	55.2	8.7	01/10/80 to 31/12/80
Yarmouth	840	246.1	126.1	15.3	
Halifax	1891	134.7	51.1	14.0	

* Sea Level = Displacement is measured relative to a record minimum.

+ σ_1, σ_6 = Standard deviations for 1-hour and 6-hour data.

TABLE 5

OVERALL STATISTICS FOR CURRENT, TEMPERATURE, SALINITY, AND DENSITY

Instrument (Depth)	No. of Hourly Samples	U(m s^{-1})*			V(m s^{-1})*			T(°C)			S(°/..)			Sigma-T (kg m^{-3})			Time Span
		Mean	σ_1+	σ_6+	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	
C1(309,015 m)	3844	0.046	0.125	0.028	-0.057	0.638	0.046	7.466	2.097	1.963							27/04/79 to 04/10/79
C1(380,015 m)	3469	0.037	0.094	0.024	-0.060	0.622	0.054	5.537	1.745	1.564							30/03/80 to 22/08/80
C1(309,016 m)	3845	0.068	0.130	0.038	-0.057	0.644	0.049	7.423	2.112	1.983	32.72	0.470	0.458	25.54	0.290	0.251	27/04/79 to 04/10/79
C1(357,016 m)	3886	0.080	0.160	0.073	-0.076	0.683	0.118	5.423	3.141	3.089	31.74	0.674	0.652	24.99	0.449	0.444	17/10/79 to 27/03/80
C1(380,016 m)	3476	0.049	0.100	0.028	-0.062	0.624	0.057	5.577	1.724	1.552	32.24	0.324	0.297	25.40	0.235	0.161	31/03/80 to 23/08/80
C1(309,030 m)	1652	0.030	0.073	0.033	-0.007	0.566	0.042	5.088	1.137	0.996	31.98	0.263	0.234	25.27	0.196	0.152	26/04/79 to 04/07/79
C1(357,030 m)	3885	0.034	0.095	0.049	-0.059	0.611	0.088	5.514	3.132	3.059	31.92	0.717	0.681	25.12	0.421	0.409	17/10/79 to 27/03/80
C1(380,029 m)	3474	0.037	0.071	0.029	-0.032	0.574	0.046	5.809	1.734	1.656	31.32	0.382	0.339	24.65	0.439	0.400	31/03/80 to 23/08/80
C1(357,040 m)	3888	0.182	0.147	0.060	-0.065	0.439	0.309	5.538	3.159	3.080	31.69	0.762	0.724	24.93	0.393	0.376	17/10/79 to 27/03/80

+(σ_1,σ_6) = standard deviations for 1-hr and 6-hr data

*(U,V) components oriented at (194,104) degrees true

TABLE 5 (Continued)

Instrument (Depth)	No. of Hourly Samples	U(m s^{-1})*			V(m s^{-1})*			T(°C)			S(°/..)			Sigma-T (kg m^{-3})			Time Span
		Mean	σ_1+	σ_6+	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	
C1(309,050 m)	3478	-0.024	0.098	0.042	-0.017	0.411	0.030										26/04/79 to 18/09/79
C1(309,050 m)	4174							7.475	2.386	2.296	32.69	0.518	0.483	25.50	0.207	0.162	26/04/79 to 17/10/79
C1(357,050 m)	3887	-0.006	0.099	0.053	-0.016	0.455	0.062	5.638	3.163	3.083	31.99	0.717	0.682	25.15	0.367	0.352	17/10/79 to 27/03/80
C1(380,049 m)	3474	-0.006	0.078	0.031	-0.015	0.467	0.040	5.424	1.585	1.531	32.17	0.379	0.345	25.37	0.224	0.185	31/03/80 to 23/08/80
C1(357,055 m)	3887	-0.012	0.096	0.053	-0.016	0.377	0.055	5.624	3.153	3.074	32.06	0.732	0.695	25.22	0.368	0.350	17/10/79 to 27/03/80
C1(357,057 m)	3886	-0.008	0.081	0.047	-0.023	0.344	0.049	5.620	3.146	3.066	32.17	0.735	0.699	25.30	0.365	0.349	17/10/79 to 27/03/80

+(σ_1,σ_6) = standard deviations for 1-hr and 6-hr data

*(U,V) components oriented at (194,104) degrees true

TABLE 5 (Continued)

Instrument (Depth)	No. of Hourly Samples	U(m s^{-1})*			V(m s^{-1})*			T(°C)			S(°/..)			Sigma-T (kg m^{-3})			Time Span
		Mean	σ_1+	σ_6+	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	
C2(308,015 m)	4075							2.493	3.814	3.775							07/11/78 to 26/04/79
C2(310,018 m)	4165	0.009	0.152	0.084	0.016	0.412	0.083	9.123	2.575	2.485							26/04/79 to 17/10/79
C2(358,015 m)	3881							5.916	3.252	3.198							17/10/79 to 27/03/80
C2(381,023 m)	3575	-0.003	0.105	0.060	-0.055	0.442	0.095	6.324	2.194	2.095							27/03/80 to 23/08/80
C2(308,016 m)	4071							4.354	3.095	3.061	31.93	0.531	0.510	25.24	0.306	0.297	07/11/78 to 26/04/79
C2(308,016 m)	1073	0.028	0.141	0.090	-0.032	0.430	0.099										07/11/78 to 22/12/78
C2(310,019 m)	4170	0.022	0.168	0.092	0.017	0.428	0.086	9.131	2.582	2.491	32.48	0.601	0.593	25.09	0.300	0.279	26/04/79 to 17/10/79
C2(358,016 m)	3883	0.042	0.167	0.113	-0.074	0.485	0.150	5.808	3.251	3.197	31.84	0.779	0.763	25.02	0.503	0.502	17/10/79 to 27/03/80
C2(381,024 m)	3576	0.008	0.108	0.062	-0.056	0.440	0.096	6.254	2.186	2.084	32.42	0.428	0.405	25.45	0.281	0.242	27/03/80 to 23/08/80

+(σ_1,σ_6) = standard deviations for 1-hr and 6-hr data

*(U,V) components oriented at (194,104) degrees true

TABLE 5 (Continued)

Instrument (Depth)	No. of Hourly Samples	U(m s^{-1})*			V(m s^{-1})*			T(°C)			S(°/..)			Sigma-T (kg m^{-3})			Time Span
		Mean	σ_1+	σ_6+	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	
C2(307,050 m)	4076	0.029	0.099	0.055	-0.088	0.463	0.103	4.717	2.802	2.759	32.24	0.563	0.537	25.46	0.275	0.256	07/11/78 to 26/04/79
C2(310,053 m)	4170	0.029	0.100	0.045	-0.030	0.514	0.055	7.659	2.679	2.590	33.02	0.547	0.530	25.72	0.128	0.102	26/04/79 to 17/10/79
C2(358,050 m)	3882	0.023	0.099	0.059	-0.072	0.507	0.108	6.175	3.126	3.034	32.45	0.789	0.746	25.46	0.362	0.335	17/10/79 to 27/03/80
C2(381,046 m)	3576	0.020	0.098	0.037	-0.073	0.477	0.067	5.608	1.733	1.648	32.56	0.403	0.378	25.65	0.193	0.175	27/03/80 to 23/08/80
C2(358,090 m)	3883	0.033	0.127	0.059	-0.063	0.508	0.099	6.481	3.064	2.971	32.66	0.782	0.741	25.58	0.321	0.299	17/10/79 to 27/03/80

+(σ_1,σ_6) = standard deviations for 1-hr and 6-hr data

*(U,V) components oriented at (194,104) degrees true

TABLE 5 (Continued)

Instrument (Depth)	No. of Hourly Samples	U(m s^{-1})*			V(m s^{-1})*			T(°C)			S(°/..)			Sigma-T (kg m^{-3})			Time Span
		Mean	σ_1+	σ_6+	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	
C2(307,100 m)	4077							5.407	2.361	2.317	32.59	0.503	0.483	25.69	0.209	0.190	07/11/78 to 26/04/79
C2(307,100 m)	1977	0.006	0.145	0.068	0.014	0.364	0.060										07/11/78 to 29/01/79
C2(310,103 m)	4171							7.529	2.604	2.517	33.03	0.370	0.366	25.76	0.213	0.191	26/04/79 to 17/10/79
C2(310,103 m)	3744	-0.039	0.114	0.033	0.018	0.352	0.038										26/04/79 to 29/09/79
C2(358,100 m)	3883	0.004	0.139	0.054	-0.007	0.348	0.052	7.230	2.970	2.890	33.08	0.731	0.702	25.82	0.239	0.225	17/10/79 to 27/03/80
C2(381,096 m)	3577	-0.017	0.121	0.045	0.006	0.363	0.037	5.677	1.331	1.258	32.84	0.267	0.242	25.88	0.136	0.123	27/03/80 to 23/08/80
C2(358,107 m)	3882	-0.013	0.123	0.051	-0.018	0.322	0.046	7.304	2.968	2.889	33.07	0.714	0.684	25.81	0.230	0.215	17/10/79 to 27/03/80
C3(359,015 m)	3860							6.371	3.534	0.349							19/10/79 to 28/03/80
C3(359,015 m)	2044	0.000	0.197	0.112	0.033	0.416	0.147										19/10/79 to 12/01/80

+(σ_1,σ_6) = standard deviations for 1-hr and 6-hr data

*(U,V) components oriented at (194,104) degrees true

TABLE 5 (Continued)

Instrument (Depth)	No. of Hourly Samples	U(m s^{-1})*			V(m s^{-1})*			T(°C)			S(°/..)			Sigma-T (kg m^{-3})			Time Span
		Mean	σ_1+	σ_6+	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	
C3(311,013 m)	1069	0.005	0.212	0.090	0.067	0.240	0.114	7.405	2.402	2.244	31.59	0.377	0.355	24.65	0.575	0.534	27/04/79 to 11/06/79
C3(348,009 m)	1720	0.040	0.257	0.119	0.150	0.458	0.131	12.400	0.577	0.466	33.35	0.248	0.224	25.23	0.212	0.173	08/08/79 to 19/10/79
C3(359,016 m)	3866	0.013	0.233	0.141	0.051	0.437	0.163	6.359	3.556	3.508	32.35	0.897	0.877	25.34	0.416	0.407	19/10/79 to 28/03/80
C3(382,014 m)	3550	0.012	0.223	0.097	0.123	0.422	0.088	7.150	2.661	2.530	32.53	0.322	0.293	25.41	0.313	0.280	29/03/80 to 24/08/80
C3(311,048 m)	2464	0.020	0.196	0.054	0.108	0.456	0.056	6.673	1.646	1.511	32.86	0.279	0.236	25.76	0.156	0.103	27/04/79 to 16/08/79
C3(348,044 m)	1720	0.029	0.213	0.074	0.146	0.445	0.093	11.210	0.966	0.913	33.78	0.212	0.183	25.79	0.129	0.078	08/08/79 to 19/10/79
C3(382,048 m)	3552	0.001	0.190	0.060	0.120	0.445	0.066	6.291	1.702	1.647	32.84	0.269	0.246	25.79	0.130	0.109	29/03/80 to 24/08/80

+(σ_1,σ_6) = standard deviations for 1-hr and 6-hr data

*(U,V) components oriented at (194,104) degrees true

TABLE 5 (Continued)

Instrument (Depth)	No. of Hourly Samples	U(m s^{-1})*			V(m s^{-1})*			T(°C)			S(°/..)			Sigma-T (kg m^{-3})			Time Span
		Mean	σ_1+	σ_6+	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	
C3(311,098 m)	2447	-0.015	0.179	0.033	0.044	0.343	0.037	6.561	1.243	1.165	33.05	0.291	0.270	25.94	0.107	0.093	27/04/79 to 07/08/79
C3(348,094 m)	1195	-0.038	0.191	0.043	0.068	0.339	0.043	10.360	0.744	0.678	33.88	0.172	0.159	26.01	0.096	0.082	08/08/79 to 27/09/79
C3(359,100 m)	3865	-0.066	0.178	0.068	0.068	0.339	0.094	8.059	2.959	2.926	33.39	0.646	0.632	25.95	0.180	0.169	19/10/79 to 28/03/79
C3(382,098 m)	3551							6.304	1.431	1.397	33.17	0.206	0.183	26.06	0.124	0.115	29/03/80 to 24/08/80
C4(326,014 m)	2450	0.001	0.283	0.130	-0.111	0.365	0.107	10.190	3.813	3.625	31.84	0.393	0.352	24.38	0.474	0.449	27/04/79 to 07/08/79
C4(349,009 m)	1701	0.002	0.287	0.125	-0.022	0.400	0.129	14.830	1.672	1.565	33.03	0.371	0.348	24.48	0.455	0.428	08/08/79 to 18/10/79
C4(360,015 m)	3880							6.567	4.057	4.001	32.39	0.859	0.840	25.32	0.283	0.258	18/10/79 to 28/03/80
C4(360,015 m)	3500	0.051	0.257	0.097	-0.082	0.404	0.160										18/10/79 to 12/03/80
C4(383,012 m)	3576	-0.041	0.254	0.114	-0.070	0.348	0.113	8.206	4.211	4.133	31.93	0.355	0.337	24.74	0.540	0.530	28/03/80 to 24/08/80

+(σ_1,σ_6) = standard deviations for 1-hr and 6-hr data

*(U,V) components oriented at (194,104) degrees true

TABLE 5 (Continued)

Instrument (Depth)	No. of Hourly Samples	U(m s^{-1})*			V(m s^{-1})*			T(°C)			S(°/..)			Sigma-T (kg m^{-3})			Time Span
		Mean	σ_1+	σ_6+	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	
C4(326,049 m)	2462	0.010	0.234	0.063	-0.147	0.366	0.067	5.926	1.747	1.512	32.77	0.507	0.421	25.78	0.254	0.173	27/04/79 to 08/08/79
C4(349,046 m)	1700	0.013	0.245	0.071	-0.152	0.402	0.083	11.030	2.043	1.726	33.53	0.358	0.250	25.61	0.336	0.232	08/08/79 to 18/10/79
C4(360,050 m)	3680	-0.014	0.240	0.077	-0.102	0.381	0.133	7.349	3.908	3.807	32.94	0.941	0.886	25.66	0.296	0.238	18/10/79 to 28/03/80
C4(326,099 m)	2463							7.402	1.421	1.268	33.61	0.537	0.460	26.26	0.237	0.193	27/04/79 to 08/08/79
C4(326,099 m)	1710	0.019	0.192	0.041	-0.044	0.251	0.060										27/04/79 to 08/07/79
C4(349,096 m)	1700	0.006	0.201	0.065	-0.043	0.262	0.066	10.660	1.218	1.107	34.46	0.326	0.265	26.41	0.188	0.157	08/08/79 to 18/10/79
C4(360,100 m)	3880	0.003	0.199	0.086	-0.056	0.281	0.123	8.947	2.800	2.747	34.02	0.820	0.795	26.31	0.313	0.298	18/10/79 to 28/03/80
C4(383,097 m)	3558	0.012	0.190	0.046	-0.056	0.302	0.063	6.679	1.629	1.588	33.53	0.522	0.489	26.28	0.224	0.197	28/03/80 to 24/08/80

+(σ_1,σ_6) = standard deviations for 1-hr and 6-hr data

*(U,V) components oriented at (194,104) degrees true

TABLE 5 (Continued)

Instrument (Depth)	No. of Hourly Samples	U(m s^{-1})*			V(m s^{-1})*			T(°C)			S(°/..)			Sigma-T (kg m^{-3})			Time Span
		Mean	σ_1+	σ_6+	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	
C5(340,016 m)	4177	-0.006	0.155	0.078	-0.067	0.203	0.121	7.885	2.757	2.570	31.33	0.371	0.350	24.36	0.545	0.509	25/04/79 to 16/10/79
C5(361,015 m)	3974							4.890	3.264	3.228	31.23	0.451	0.448	24.64	0.507	0.513	16/10/79 to 30/03/80
C5(361,015 m)	3534	0.029	0.162	0.124	-0.025	0.238	0.180										16/10/79 to 12/03/80
C5(384,014 m)	3468	0.003	0.128	0.064	-0.046	0.215	0.106	5.672	2.111	1.807	31.34	0.242	0.231	24.67	0.268	0.189	30/03/80 to 22/08/80
C5(340,031 m)	4177	-0.030	0.084	0.040	-0.055	0.158	0.072	4.317	2.199	2.114	31.81	0.330	0.319	25.19	0.382	0.363	25/04/79 to 16/10/79
C5(361,030 m)	3974	-0.011	0.131	0.089	-0.046	0.208	0.147	4.616	2.876	2.872	31.38	0.521	0.500	24.80	0.536	0.531	16/10/79 to 30/03/80
C5(384,030 m)	3471	-0.028	0.099	0.051	-0.031	0.162	0.081	3.666	1.005	0.745	31.88	0.308	0.299	25.33	0.228	0.204	30/03/80 to 22/08/80

+(σ_1,σ_6) = standard deviations for 1-hr and 6-hr data

*(U,V) components oriented at (143,53) degrees true

TABLE 5 (Continued)

Instrument (Depth)	No. of Hourly Samples	U(m s^{-1})*			V(m s^{-1})*			T(°C)			S(°/..)			Sigma-T (kg m^{-3})			Time Span
		Mean	σ_1+	σ_6+	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	
C6(341,018 m)	4167	0.000	0.143	0.070	-0.038	0.213	0.123	10.080	2.954	2.809	31.04	1.038	1.044	23.80	1.033	1.023	25/04/79 to 16/10/79
C6(362,015 m)	3881	0.007	0.144	0.101	-0.064	0.242	0.182	5.137	3.511	3.462	31.19	0.421	0.419	24.57	0.540	0.540	16/10/79 to 26/03/80
C6(385,013 m)	3570	-0.011	0.157	0.073	-0.064	0.217	0.128	7.059	3.454	3.283	31.45	0.174	0.144	24.55	0.522	0.473	26/03/80 to 22/08/80
C6(341,053 m)	4167	-0.017	0.065	0.030	-0.060	0.144	0.074	3.474	1.454	1.358	32.37	0.362	0.330	25.73	0.188	0.161	25/04/79 to 16/10/79
C6(362,050 m)	3881	-0.098	0.374	0.223	-0.187	0.567	0.375	0.935	1.973	1.936							16/10/79 to 26/03/80
C6(385,050 m)	3570	-0.024	0.064	0.030	-0.058	0.137	0.083	3.066	0.800	0.743	32.02	0.273	0.257	25.49	0.179	0.165	26/03/80 to 22/08/80
C6(341,103 m)	4167	0.022	0.094	0.018	-0.022	0.100	0.041	4.755	1.131	1.080	33.02	0.282	0.263	26.12	0.149	0.138	25/04/79 to 16/10/79
C6(362,100 m)	3880	0.032	0.128	0.042	-0.034	0.117	0.069	5.461	1.010	0.895	32.97	0.562	0.509	26.01	0.354	0.323	16/10/79 to 26/03/80
C6(385,100 m)	3569	0.023	0.081	0.020	-0.026	0.124	0.040	4.361	0.648	0.534	32.79	0.233	0.178	25.99	0.133	0.103	26/03/80 to 22/08/80

+(σ_1,σ_6) = standard deviations for 1-hr and 6-hr data

*(U,V) components oriented at (143,53) degrees true

TABLE 6

OVERALL STATISTICS FOR TIDE GAUGE DATA

SITE (Mooring #, Depth)	No. of Hourly Samples	P (MBAR)*			T (°C)			Time Span
		Mean	σ_1	σ_6	Mean	σ_1	σ_6	
C2(358,110m)	3864	181.7	65.0	15.9	7.419	2.906	2.835	18/10/79 to 27/03/80
C2(381,110m)	3578	411.9	63.4	6.9	5.590	1.273	1.217	27/03/80 to 23/08/80
C6(362,110m)	3864	134.2	55.5	11.3	5.889	0.782	0.725	17/10/79 to 26/03/80

*P is measured with respect to an arbitrary low water datum

TABLE 7

GENERAL TIDAL ANALYSIS FOR CURRENTS, TEMPERATURE, SALINITY, SIGMA-T

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 31, 1979									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C2(308,015m) VACM	K1					0.012	49.01				
	O1					0.032	120.50				
	M2					0.030	320.00				
	S2					0.033	43.77				
	N2					0.018	73.43				
	MF					0.224	9.88				
	M4					0.019	311.97				
	MS4					0.018	73.27				
		CENTERED AT DAY 31, 1979*									
C2(308,016m) AAND	K1	0.076	0.019	100	330/C	0.008	56.03	0.018	97.11	0.014	98.76
	O1	0.075	0.007	92	292/C	0.031	109.85	0.051	132.80	0.038	134.33
	M2	0.535	0.004	103	175/C	0.029	322.26	0.052	329.55	0.040	329.98
	S2	0.111	0.020	110	219/C	0.031	39.74	0.030	57.35	0.020	61.78
	N2	0.113	0.008	88	178/C	0.008	57.39	0.036	298.63	0.030	296.78
	MF	0.132	0.030	83	206/A	0.174	9.49	0.152	264.65	0.124	256.38
	M4	0.021	0.001	149	235/C	0.017	288.30	0.034	283.56	0.026	284.27
	MS4	0.010	0.002	160	210/C	0.014	70.71	0.007	45.85	0.004	34.88
		CENTERED AT DAY 31, 1979									
C2(307,050m) AAND	K1	0.064	0.003	76	331/C	0.048	13.90	0.026	81.45	0.019	95.29
	O1	0.071	0.005	83	304/C	0.017	151.04	0.021	162.75	0.015	163.65
	M2	0.578	0.062	105	170/C	0.158	340.59	0.078	4.11	0.051	14.52
	S2	0.103	0.009	103	195/C	0.022	177.37	0.043	93.40	0.034	90.06
	N2	0.135	0.013	104	142/C	0.031	52.83	0.027	6.67	0.022	357.90
	MF	0.036	0.022	72	282/C	0.106	340.57	0.108	280.96	0.073	276.57
	M4	0.020	0.001	116	113/C	0.024	102.28	0.021	153.34	0.015	159.95
	MS4	0.004	0.002	105	141/A	0.025	97.14	0.032	88.36	0.023	87.47

* Current Ellipse for C2(308,016m) centered at day 334, 1978.

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 31, 1979*									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C2(307,100m) AAND	K1	0.041	0.005	222	177/A	0.069	73.08	0.049	98.66	0.033	105.16
	O1	0.066	0.001	68	307/A	0.055	29.60	0.015	42.03	0.006	51.30
	M2	0.474	0.064	118	147/A	0.147	16.46	0.105	27.89	0.073	31.78
	S2	0.087	0.027	109	195/A	0.028	144.84	0.031	109.08	0.023	102.89
	N2	0.103	0.016	116	127/A	0.063	50.45	0.034	29.70	0.023	19.62
	MF	0.035	0.014	178	109/A	0.079	348.55	0.030	158.55	0.041	157.06
	M4	0.021	0.000	142	323/C	0.024	340.69	0.026	249.65	0.022	243.55
	MS4	0.005	0.003	129	20/A	0.012	72.83	0.002	21.27	0.002	335.68
		CENTERED AT DAY 197, 1979									
C1(309,015m) VACM	K1	0.084	0.006	89	305/C	0.026	197.94				
	O1	0.078	0.010	90	271/C	0.032	122.35				
	M2	0.841	0.115	109	154/C	0.078	157.95				
	S2	0.137	0.014	113	177/C	0.036	33.32				
	N2	0.155	0.000	111	121/C	0.089	317.28				
	MF	0.024	0.008	114	52/A	0.410	307.69				
	M4	0.032	0.010	131	315/C	0.025	277.86				
	MS4	0.009	0.003	137	318CA	0.014	106.48				
		CENTERED AT DAY 197, 1979									
C1(309,016m) AAND	K1	0.088	0.005	85	306/C	0.017	201.22	0.020	172.05	0.014	162.39
	O1	0.082	0.008	86	272/C	0.027	110.23	0.023	271.95	0.022	277.36
	M2	0.842	0.119	104	154/C	0.088	179.65	0.137	61.94	0.113	55.93
	S2	0.141	0.018	108	179/C	0.045	32.73	0.050	38.44	0.034	39.09
	N2	0.155	0.001	105	121/C	0.075	330.14	0.062	49.39	0.048	60.72
	MF	0.030	0.010	133	038/A	0.380	308.03	0.152	120.26	0.174	122.08
	M4	0.033	0.011	141	317/C	0.037	296.30	0.018	17.27	0.015	37.10
	MS4	0.010	0.001	134	317/A	0.005	92.23	0.009	32.94	0.006	25.88

* Current Ellipse for C2(307,100m) centered at day 352, 1978.

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 151, 1979									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C1(309,030m) AAND	K1	0.091	0.009	74	328/C	0.074	62.52	0.005	230.61	0.012	237.36
	O1	0.076	0.012	81	275/C	0.106	9.81	0.029	228.70	0.033	216.52
	M2	0.756	0.007	106	147/C	0.290	232.21	0.149	43.00	0.150	44.86
	S2	0.108	0.009	102	186/A	0.024	53.29	0.075	280.14	0.061	277.85
	N2	0.114	0.003	102	119/A	0.080	47.48	0.090	136.20	0.072	142.71
	MF	0.043	0.003	63	1/C	0.200	356.76	0.069	109.21	0.069	127.76
	M4	0.026	0.002	92	291/A	0.030	320.98	0.032	175.38	0.028	172.31
	MS4	0.009	0.003	66	309/A	0.016	180.89	0.069	116.95	0.055	115.16
		CENTERED AT DAY 203, 1979*									
C1(309,050m) AAND	K1	0.056	0.003	78	320/C	0.075	45.10	0.024	41.96	0.010	37.26
	O1	0.055	0.001	82	284/C	0.080	4.32	0.031	200.34	0.036	196.11
	M2	0.531	0.075	110	140/A	0.171	244.03	0.167	32.21	0.148	36.84
	S2	0.096	0.014	102	176/A	0.099	271.63	0.032	320.10	0.019	354.31
	N2	0.120	0.007	107	123/C	0.015	41.20	0.003	107.85	0.003	118.80
	MF	0.026	0.003	190	175/C	0.169	196.34	0.079	153.32	0.051	128.03
	M4	0.010	0.004	232	52/A	0.034	303.94	0.034	245.64	0.024	236.18
	MS4	0.008	0.005	91	339/C	0.006	29.85	0.022	194.84	0.019	195.58
		CENTERED AT DAY 203, 1979									
C2(310,018m) VACM	K1	0.063	0.013	90	315/C	0.009	210.01				
	O1	0.071	0.021	95	294/C	0.013	42.27				
	M2	0.513	0.049	106	174/A	0.122	116.54				
	S2	0.088	0.018	108	202/A	0.087	209.01				
	N2	0.107	0.013	104	146/A	0.051	151.13				
	MF	0.020	0.002	191	198/C	0.268	309.03				
	M4	0.009	0.005	75	165/C	0.018	168.11				
	MS4	0.011	0.004	209	309/C	0.040	143.79				

* Current Ellipse for C1(309,050m) centered at day 189, 1979.

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 203, 1979									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C2(310,019m) AAND	K1	0.065	0.012	87	315/C	0.013	218.69	0.017	340.53	0.015	349.35
	O1	0.075	0.022	92	294/C	0.032	17.25	0.035	132.77	0.031	140.86
	M2	0.533	0.056	103	173/A	0.128	114.34	0.041	250.33	0.049	266.02
	S2	0.092	0.019	103	203/A	0.075	208.87	0.038	99.21	0.036	82.81
	N2	0.111	0.015	102	143/A	0.044	140.07	0.026	54.88	0.023	36.45
	MF	0.019	0.003	198	201/C	0.249	303.34	0.122	217.49	0.102	194.18
	M4	0.012	0.004	233	320/C	0.015	171.70	0.025	291.50	0.022	296.12
	MS4	0.013	0.004	208	311/C	0.032	132.66	0.009	287.80	0.012	297.49
		CENTERED AT DAY 203, 1979									
C2(310,053m) AAND	K1	0.071	0.007	78	328/C	0.022	23.26	0.018	328.97	0.013	315.98
	O1	0.072	0.006	83	300/C	0.013	81.40	0.032	117.04	0.024	120.34
	M2	0.667	0.071	108	171/C	0.256	257.23	0.026	167.67	0.041	106.27
	S2	0.116	0.004	109	196/A	0.027	282.69	0.057	122.66	0.051	121.13
	N2	0.141	0.011	111	142/C	0.021	251.11	0.045	41.96	0.042	44.73
	MF	0.019	0.013	155	38/A	0.311	199.89	0.090	193.05	0.029	160.48
	M4	0.009	0.000	112	100/C	0.018	132.71	0.029	269.12	0.026	271.43
	MS4	0.001	0.001	226	143/C	0.018	254.39	0.010	253.96	0.006	259.92
		CENTERED AT DAY 203, 1979*									
C2(310,103m) AAND	K1	0.052	0.001	60	340/A	0.029	20.18	0.026	357.41	0.017	352.72
	O1	0.056	0.002	65	299/A	0.030	57.66	0.034	100.64	0.024	105.94
	M2	0.471	0.034	118	152/A	0.149	245.63	0.029	69.18	0.046	67.16
	S2	0.077	0.004	111	189/A	0.026	266.68	0.035	132.22	0.031	127.47
	N2	0.092	0.009	112	131/A	0.055	220.49	0.023	73.82	0.026	62.96
	MF	0.012	0.001	121	41/A	0.377	208.46	0.041	154.89	0.053	66.28
	M4	0.010	0.001	132	19/A	0.017	111.84	0.032	300.56	0.028	299.07
	MS4	0.006	0.002	238	151/C	0.007	277.38	0.030	260.44	0.023	260.15

* Current Ellipse for C2(310,103) centered at day 194, 1979.

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 139, 1979									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/..)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C3(311,013m) AAND	K1	0.015	0.007	99	60/C	0.166	329.85	0.094	4.88	0.056	17.69
	O1	0.037	0.016	203	21/C	0.101	54.20	0.139	42.07	0.101	40.51
	M2	0.031	0.000	171	201/C	0.026	319.41	0.046	301.47	0.034	299.49
	S2	0.051	0.002	157	250/C	0.055	311.46	0.039	330.32	0.024	333.80
	N2	0.041	0.017	110	181/C	0.007	304.67	0.117	286.55	0.094	286.00
	MF	0.109	0.029	85	124/A	0.233	23.99	0.056	234.15	0.069	230.49
	M4	0.004	0.000	118	351/C	0.021	312.26	0.044	330.82	0.033	332.34
	MS4	0.005	0.001	64	241/C	0.033	326.78	0.053	353.08	0.039	356.17
		CENTERED AT DAY 169, 1979									
C3(311,048m) AAND	K1	0.064	0.022	77	346/C	0.087	51.34	0.028	164.97	0.029	186.87
	O1	0.068	0.032	89	306/C	0.046	16.60	0.066	164.42	0.059	167.12
	M2	0.627	0.149	122	164/C	0.203	249.43	0.110	244.02	0.061	241.75
	S2	0.099	0.022	122	207/C	0.069	271.57	0.063	269.18	0.043	265.07
	N2	0.119	0.022	123	147/C	0.044	40.53	0.072	221.41	0.064	221.08
	MF	0.046	0.002	102	268/C	0.311	275.25	0.079	33.01	0.090	59.45
	M4	0.017	0.005	165	301/C	0.093	226.78	0.026	325.21	0.027	353.63
	MS4	0.003	0.000	196	1/A	0.014	324.40	0.049	262.63	0.039	260.83
		CENTERED AT DAY 168, 1979									
C3(311,098m) AAND	K1	0.052	0.008	62	356/C	0.053	87.50	0.036	66.60	0.023	59.38
	O1	0.053	0.009	69	311/C	0.041	20.58	0.039	240.55	0.036	234.65
	M2	0.496	0.083	128	163/C	0.108	230.88	0.084	251.96	0.054	257.65
	S2	0.080	0.009	134	201/C	0.017	156.41	0.007	32.03	0.007	18.61
	N2	0.086	0.010	132	142/C	0.029	321.51	0.041	199.61	0.036	193.34
	MF	0.038	0.001	80	244/C	0.216	337.67	0.054	51.25	0.046	86.94
	M4	0.028	0.007	211	30/C	0.031	347.61	0.008	82.73	0.008	114.80
	MS4	0.006	0.001	164	23/C	0.013	36.60	0.012	338.61	0.009	329.49

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 168, 1979									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/..)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C4(326,014m) AAND	K1	0.064	0.018	233	177/C	0.055	47.24	0.053	43.50	0.033	41.16
	O1	0.065	0.028	86	310/C	0.032	333.59	0.021	216.11	0.020	198.43
	M2	0.465	0.164	127	171/C	0.215	130.40	0.058	121.23	0.009	102.86
	S2	0.099	0.061	112	204/C	0.092	166.22	0.054	195.11	0.028	202.98
	N2	0.092	0.066	135	158/C	0.063	64.90	0.082	105.72	0.059	112.13
	MF	0.048	0.013	77	216/C	0.499	342.49	0.202	18.12	0.111	45.93
	M4	0.037	0.009	177	335/C	0.022	215.26	0.039	340.88	0.035	346.01
	MS4	0.010	0.004	169	105/C	0.023	347.66	0.043	344.37	0.031	345.26
		CENTERED AT DAY 169, 1979									
C4(326,049m) AAND	K1	0.064	0.029	74	20/C	0.073	110.80	0.078	74.83	0.056	69.34
	O1	0.077	0.039	83	331/C	0.039	6.40	0.072	30.54	0.053	33.29
	M2	0.489	0.249	123	180/C	0.059	118.44	0.140	115.58	0.101	115.90
	S2	0.080	0.035	121	219/C	0.202	215.90	0.062	203.62	0.024	192.80
	N2	0.089	0.045	123	157/C	0.167	132.99	0.123	121.98	0.077	118.08
	MF	0.028	0.013	197	10/C	0.514	349.09	0.209	20.61	0.118	37.78
	M4	0.013	0.010	218	273/C	0.100	197.49	0.037	64.61	0.041	49.92
	MS4	0.007	0.003	71	232/C	0.021	275.10	0.028	70.70	0.026	71.54
		CENTERED AT DAY 169, 1979*									
C4(326,099m) AAND	K1	0.053	0.019	233	206/C	0.197	98.76	0.104	106.11	0.055	109.33
	O1	0.060	0.029	63	342/C	0.308	49.54	0.163	70.94	0.092	82.18
	M2	0.373	0.088	138	156/C	0.381	70.34	0.180	85.67	0.093	95.49
	S2	0.043	0.010	127	219/A	0.022	179.61	0.040	210.07	0.031	214.74
	N2	0.063	0.018	144	137/C	0.098	139.41	0.084	141.52	0.052	142.25
	MF	0.031	0.006	64	309/C	0.782	5.86	0.297	24.84	0.140	39.81
	M4	0.006	0.002	162	344/A	0.049	265.71	0.020	67.25	0.024	74.03
	MS4	0.007	0.005	86	342/C	0.025	36.28	0.048	90.37	0.037	94.81

* Current Ellipse for C4(326,099m) centered at day 153, 1979.

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 202, 1979									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/..)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C5(340,016m) AAND	K1	0.054	0.007	68	274/C	0.085	329.28	0.024	17.49	0.017	50.25
	O1	0.043	0.011	65	245/C	0.113	310.44	0.025	194.32	0.030	172.81
	M2	0.072	0.033	78	121/C	0.226	57.83	0.040	215.99	0.062	228.97
	S2	0.024	0.007	103	197/C	0.104	9.96	0.017	199.27	0.028	196.53
	N2	0.019	0.017	100	297/C	0.161	168.93	0.008	305.43	0.032	341.22
	MF	0.023	0.005	81	16/A	0.104	203.48	0.111	64.68	0.098	66.71
	M4	0.005	0.000	80	200/A	0.019	235.18	0.025	110.01	0.022	104.26
	MS4	0.002	0.001	117	162/A	0.029	150.72	0.029	52.33	0.025	41.91
		CENTERED AT DAY 202, 1979									
C5(340,031m) AAND	K1	0.066	0.023	69	298/C	0.065	49.73	0.023	26.34	0.012	11.23
	O1	0.065	0.018	62	265/C	0.059	24.72	0.027	241.85	0.025	231.77
	M2	0.145	0.009	59	153/A	0.199	307.06	0.052	169.36	0.059	150.13
	S2	0.018	0.007	78	184/A	0.069	334.58	0.016	148.48	0.021	149.09
	N2	0.029	0.001	54	136/A	0.013	307.21	0.006	175.44	0.004	147.46
	MF	0.014	0.005	162	273/A	0.415	305.65	0.065	57.10	0.080	99.34
	M4	0.011	0.004	65	250/C	0.021	332.54	0.032	123.72	0.027	124.76
	MS4	0.002	0.000	22	312/A	0.032	329.47	0.028	69.71	0.024	76.41
		CENTERED AT DAY 202, 1979									
C5(340,051m) AAND	K1	0.056	0.002	31	311/C	0.035	179.25	0.056	25.06	0.048	23.06
	O1	0.047	0.006	30	283/A	0.047	158.42	0.019	305.55	0.020	311.92
	M2	0.102	0.066	45	143/A	0.067	145.40	0.031	286.69	0.030	293.72
	S2	0.018	0.006	69	149/A	0.014	271.12	0.008	77.36	0.008	78.58
	N2	0.022	0.013	28	133/A	0.028	1.05	0.009	265.87	0.009	252.59
	MF	0.014	0.001	52	280/C	0.451	305.80	0.058	44.32	0.067	88.28
	M4	0.008	0.004	37	218/C	0.004	151.40	0.029	68.74	0.023	67.49
	MS4	0.005	0.001	88	305/C	0.007	14.17	0.025	8.33	0.020	7.71

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 202, 1979									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/..)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C6(341,018m) AAND	K1	0.070	0.013	52	314/C	0.083	290.93	0.016	20.84	0.019	67.80
	O1	0.071	0.022	58	286/C	0.057	195.91	0.029	230.69	0.017	243.04
	M2	0.163	0.023	28	196/A	0.266	191.85	0.057	326.38	0.083	347.51
	S2	0.028	0.005	38	231/A	0.052	222.25	0.022	236.14	0.012	238.55
	N2	0.040	0.000	40	156/C	0.088	223.02	0.020	132.85	0.022	91.61
	MF	0.023	0.005	151	155/C	0.097	217.56	0.089	44.62	0.082	40.69
	M4	0.008	0.006	61	269/A	0.041	103.38	0.010	271.30	0.014	275.98
	MS4	0.007	0.000	168	233/A	0.029	13.41	0.023	261.52	0.021	250.33
		CENTERED AT DAY 202, 1979									
C6(341,053m) AAND	K1	0.050	0.007	46	297/C	0.043	347.54	0.026	353.58	0.017	355.43
	O1	0.044	0.005	44	270/C	0.039	327.57	0.029	216.83	0.024	208.85
	M2	0.141	0.013	69	135/A	0.055	76.40	0.111	318.33	0.093	314.89
	S2	0.017	0.006	66	165/A	0.011	309.66	0.009	257.83	0.006	251.71
	N2	0.032	0.000	64	110/C	0.031	126.58	0.012	263.57	0.012	272.62
	MF	0.015	0.007	57	23/C	0.189	16.07	0.033	33.21	0.014	54.41
	M4	0.007	0.002	76	207/C	0.025	314.13	0.003	23.96	0.003	76.50
	MS4	0.002	0.000	104	268/A	0.017	345.51	0.022	194.81	0.019	191.65
		CENTERED AT DAY 202, 1979									
C6(341,103m) AAND	K1	0.041	0.007	34	301/A	0.104	34.45	0.037	24.39	0.019	19.04
	O1	0.037	0.001	37	274/A	0.074	3.28	0.013	190.21	0.018	186.70
	M2	0.141	0.005	101	104/C	0.290	4.58	0.102	347.30	0.052	337.45
	S2	0.019	0.004	119	125/A	0.034	0.39	0.012	204.98	0.014	198.14
	N2	0.027	0.002	107	72/A	0.050	276.63	0.014	228.66	0.009	200.74
	MF	0.010	0.003	30	310/C	0.124	67.19	0.073	63.20	0.049	61.97
	M4	0.011	0.008	79	230/C	0.015	215.74	0.009	219.80	0.006	220.07
	MS4	0.005	0.003	95	287/C	0.013	219.78	0.025	197.58	0.019	195.35

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 256, 1979									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/..)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C3(348,009m) AAND	K1	0.103	0.030	73	331/C	0.140	235.53	0.053	180.48	0.036	143.23
	O1	0.057	0.029	94	311/C	0.043	108.77	0.096	49.01	0.075	43.78
	M2	0.561	0.141	123	161/C	0.100	49.93	0.098	169.86	0.091	180.07
	S2	0.092	0.028	128	199/C	0.017	72.83	0.042	153.12	0.035	157.44
	N2	0.148	0.040	122	135/C	0.020	302.67	0.064	241.41	0.051	237.96
	MF	0.118	0.011	162	26/A	0.466	199.32	0.107	207.64	0.014	302.75
	M4	0.066	0.032	121	127/C	0.039	106.83	0.049	42.67	0.037	32.70
	MS4	0.020	0.011	123	151/C	0.013	122.22	0.071	44.30	0.058	41.49
		CENTERED AT DAY 256, 1979									
C3(348,044m) AAND	K1	0.093	0.032	82	340/C	0.081	16.14	0.070	177.61	0.072	180.78
	O1	0.059	0.028	91	305/C	0.100	359.05	0.084	55.60	0.061	69.04
	M2	0.593	0.141	124	162/C	0.034	54.49	0.122	166.10	0.101	168.84
	S2	0.084	0.011	134	192/C	0.015	91.85	0.049	145.42	0.039	147.26
	N2	0.145	0.026	122	132/C	0.074	304.92	0.060	211.55	0.052	197.47
	MF	0.097	0.021	162	33/A	0.346	146.86	0.165	222.73	0.130	251.01
	M4	0.018	0.004	167	309/C	0.066	247.78	0.077	28.83	0.071	34.29
	MS4	0.007	0.003	165	320/C	0.023	7.00	0.074	13.72	0.056	13.76
		CENTERED AT DAY 245, 1979									
C3(348,094m) AAND	K1	0.063	0.011	232	163/C	0.039	61.87	0.024	189.55	0.025	201.45
	O1	0.054	0.008	63	304/C	0.073	345.14	0.113	356.75	0.081	358.25
	M2	0.483	0.073	131	148/C	0.066	104.15	0.055	161.02	0.039	171.77
	S2	0.073	0.008	131	174/C	0.027	187.14	0.095	185.47	0.073	185.38
	N2	0.114	0.014	135	110/C	0.011	109.26	0.115	162.48	0.093	162.91
	MF	0.031	0.004	91	12/A	0.274	93.11	0.173	296.82	0.184	291.09
	M4	0.023	0.009	198	14/C	0.051	291.87	0.100	316.41	0.074	318.90
	MS4	0.012	0.009	120	327/C	0.022	32.51	0.056	35.91	0.042	36.00

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 256, 1979									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/..)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C4(349,009m) AAND	K1	0.072	0.012	71	353/C	0.052	233.09	0.049	353.67	0.045	5.70
	O1	0.064	0.023	68	307/C	0.092	351.98	0.029	29.37	0.017	83.68
	M2	0.454	0.154	123	168/C	0.290	97.89	0.029	272.51	0.084	276.74
	S2	0.072	0.011	123	205/C	0.034	60.06	0.048	79.29	0.032	86.31
	N2	0.138	0.071	132	134/C	0.170	66.60	0.076	44.66	0.033	15.40
	MF	0.096	0.063	141	30/C	1.279	295.39	0.109	239.01	0.246	132.25
	M4	0.015	0.011	180	318/A	0.035	138.94	0.033	166.14	0.020	175.66
	MS4	0.019	0.001	65	131/A	0.058	78.43	0.069	130.84	0.050	142.91
		CENTERED AT DAY 255, 1979									
C4(349,046m) AAND	K1	0.095	0.024	76	8/C	0.253	238.36	0.058	23.27	0.086	40.87
	O1	0.075	0.034	82	325/C	0.120	181.92	0.099	6.55	0.097	6.41
	M2	0.508	0.253	119	164/C	0.196	229.37	0.156	75.04	0.151	67.86
	S2	0.070	0.033	126	206/C	0.062	281.13	0.070	91.29	0.067	92.32
	N2	0.117	0.057	121	135/C	0.066	167.03	0.068	45.26	0.062	29.54
	MF	0.029	0.019	74	260/C	0.367	241.15	0.095	213.36	0.045	141.06
	M4	0.018	0.011	86	127/C	0.064	48.65	0.089	133.01	0.072	142.64
	MS4	0.004	0.002	122	274/C	0.087	96.78	0.063	82.76	0.039	78.12
		CENTERED AT DAY 255, 1979									
C4(349,096m) AAND	K1	0.065	0.017	64	20/C	0.092	87.25	0.082	92.48	0.050	94.66
	O1	0.066	0.023	63	333/C	0.109	26.90	0.134	33.53	0.088	34.18
	M2	0.368	0.047	137	143/C	0.073	48.00	0.142	63.65	0.100	66.12
	S2	0.044	0.010	146	175/C	0.042	86.86	0.097	72.69	0.071	70.86
	N2	0.080	0.007	129	113/C	0.089	44.54	0.076	19.39	0.048	10.23
	MF	0.020	0.020	131	59/C	0.320	197.11	0.160	194.28	0.075	191.20
	M4	0.028	0.019	230	37/C	0.012	254.46	0.046	110.33	0.041	107.79
	MS4	0.013	0.003	211	92/C	0.014	28.27	0.063	72.19	0.050	74.42

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 6, 1980									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/..)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C1(357,016m) AAND	K1	0.070	0.006	79	318/C	0.013	349.92	0.016	284.91	0.012	279.17
	O1	0.066	0.014	83	268/C	0.012	279.44	0.029	109.63	0.025	106.69
	M2	0.875	0.114	102	152/C	0.082	83.10	0.019	143.26	0.013	183.67
	S2	0.171	0.016	103	180/C	0.065	130.45	0.014	17.82	0.017	355.23
	N2	0.167	0.014	103	118/C	0.053	7.77	0.030	308.40	0.020	298.78
	MF	0.021	0.009	103	59/C	0.241	13.22	0.085	133.25	0.087	145.70
	M4	0.032	0.012	101	301/C	0.010	337.79	0.030	71.82	0.024	73.93
	MS4	0.012	0.005	99	313/C	0.018	47.35	0.039	22.63	0.030	20.28
		CENTERED AT DAY 6, 1980									
C1(357,030m) AAND	K1	0.066	0.003	81	324/C	0.014	346.08	0.017	238.55	0.014	230.37
	O1	0.069	0.008	86	276/C	0.008	198.49	0.038	117.94	0.031	115.40
	M2	0.789	0.047	107	149/C	0.091	55.37	0.112	52.15	0.079	51.70
	S2	0.157	0.002	107	174/C	0.085	108.47	0.056	52.80	0.040	40.81
	N2	0.149	0.003	104	119/C	0.037	281.66	0.034	315.42	0.025	327.81
	MF	0.025	0.007	94	82/A	0.204	3.82	0.092	142.75	0.097	148.66
	M4	0.023	0.003	107	276/A	0.020	3.98	0.039	62.21	0.030	65.83
	MS4	0.008	0.002	91	318/A	0.005	356.83	0.033	5.99	0.026	4.73
		CENTERED AT DAY 6, 1980									
C1(357,040m) AAND	K1	0.063	0.003	92	357/C	0.013	0.57	0.023	232.40	0.020	227.91
	O1	0.059	0.001	87	329/C	0.021	88.57	0.046	125.45	0.035	127.95
	M2	0.231	0.005	110	176/A	0.107	39.24	0.143	39.86	0.102	40.71
	S2	0.055	0.002	118	196/A	0.080	98.23	0.049	66.78	0.031	57.88
	N2	0.090	0.004	111	159/A	0.034	279.09	0.019	348.79	0.017	8.92
	MF	0.081	0.026	97	105/A	0.138	13.21	0.102	151.55	0.099	153.04
	M4	0.080	0.022	212	286/C	0.015	341.90	0.010	84.68	0.009	96.74
	MS4	0.020	0.005	232	307/C	0.011	311.24	0.013	11.69	0.010	18.26

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 6, 1980									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. (kg m^{-3})	PHASE (GMT)
C1(357,050m) AAND	K1	0.047	0.000	80	323/C	0.013	40.14	0.018	217.62	0.017	217.67
	O1	0.054	0.003	83	273/C	0.033	83.13	0.048	114.88	0.036	118.94
	M2	0.588	0.046	108	141/A	0.123	27.05	0.141	31.71	0.098	33.18
	S2	0.115	0.012	105	173/A	0.080	81.79	0.046	59.04	0.027	51.21
	N2	0.113	0.006	105	113/A	0.045	290.04	0.023	349.29	0.019	8.86
	MF	0.022	0.004	67	99/A	0.095	25.65	0.098	157.34	0.090	156.53
	M4	0.020	0.001	67	276/A	0.007	305.82	0.009	159.08	0.008	152.11
	MS4	0.009	0.000	86	313/C	0.015	292.47	0.010	342.32	0.007	356.31
		CENTERED AT DAY 6, 1980									
C1(357,055m) AAND	K1	0.039	0.001	77	326/A	0.013	48.06	0.018	214.17	0.017	215.61
	O1	0.045	0.005	79	274/C	0.036	81.75	0.050	112.37	0.037	116.75
	M2	0.475	0.043	107	142/A	0.124	29.96	0.146	33.10	0.102	34.32
	S2	0.100	0.011	102	175/A	0.080	83.02	0.047	61.11	0.028	53.91
	N2	0.108	0.005	103	115/A	0.043	294.51	0.026	351.87	0.021	8.66
	MF	0.012	0.000	74	71/C	0.087	29.23	0.099	159.95	0.090	158.53
	M4	0.017	0.002	238	99/A	0.005	291.47	0.010	172.28	0.009	165.73
	MS4	0.007	0.000	83	325/A	0.014	292.52	0.011	336.65	0.008	348.32
		CENTERED AT DAY 6, 1980									
C1(357,057m) AAND	K1	0.038	0.00	792	324/A	0.016	50.28	0.018	196.75	0.017	201.29
	O1	0.043	0.00	833	278/C	0.033	74.27	0.050	107.21	0.038	111.45
	M2	0.437	0.03	1054	141/A	0.125	29.49	0.157	36.36	0.111	37.97
	S2	0.087	0.00	1048	176/A	0.078	81.79	0.055	40.56	0.037	30.17
	N2	0.092	0.00	1036	116/A	0.046	292.57	0.035	326.30	0.025	338.73
	MF	0.021	0.00	665	117/A	0.083	29.12	0.097	157.81	0.088	156.43
	M4	0.009	0.00	786	227/A	0.004	308.27	0.022	84.48	0.018	84.83
	MS4	0.004	0.00	690	280/C	0.016	293.81	0.031	334.29	0.024	337.95

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 6, 1980									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/..)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C2(358,015m) VACM	K1					0.008	27.52				
	O1					0.019	359.29				
	M2					0.038	281.08				
	S2					0.042	240.22				
	N2					0.031	180.25				
	MF					0.344	29.89				
	M4					0.010	230.63				
	MS4					0.014	246.28				
		CENTERED AT DAY 6, 1980									
C2(358,016m) AAND	K1	0.062	0.017	93	340/C	0.005	67.79	0.027	121.83	0.022	122.17
	O1	0.061	0.012	93	293/C	0.022	9.16	0.051	45.74	0.039	46.92
	M2	0.587	0.006	103	174/C	0.044	278.81	0.071	280.67	0.052	280.54
	S2	0.113	0.002	100	207/C	0.043	230.44	0.039	221.17	0.027	218.68
	N2	0.107	0.003	97	152/A	0.029	168.75	0.024	165.24	0.016	163.29
	MF	0.042	0.017	95	84/A	0.351	28.53	0.035	27.12	0.018	168.25
	M4	0.012	0.006	125	272/C	0.013	194.75	0.018	120.69	0.014	112.84
	MS4	0.007	0.005	117	293/C	0.005	244.05	0.018	23.52	0.015	24.73
		CENTERED AT DAY 6, 1980									
C2(358,050m) AAND	K1	0.055	0.009	84	344/C	0.048	25.86	0.022	70.7	0.0148	91.42
	O1	0.063	0.017	94	292/C	0.025	8.03	0.050	21.8	0.0376	21.49
	M2	0.641	0.043	107	170/C	0.100	251.38	0.057	220.2	0.0348	209.92
	S2	0.145	0.015	106	204/C	0.088	241.76	0.049	190.8	0.0325	172.57
	N2	0.135	0.004	111	141/C	0.057	167.54	0.047	122.3	0.0357	109.14
	MF	0.040	0.018	238	251/A	0.135	39.27	0.018	218.6	0.0296	205.75
	M4	0.008	0.005	225	348/A	0.044	298.65	0.040	274.9	0.0270	271.47
	MS4	0.005	0.004	134	220/C	0.019	348.41	0.003	88.8	0.0045	136.79

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 6, 1980									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/..)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C2(358,090m) AAND	K1	0.053	0.005	77	348/C	0.062	27.58	0.028	62.57	0.017	82.15
	O1	0.058	0.009	90	295/C	0.043	18.84	0.059	28.8	0.0420	29.96
	M2	0.654	0.054	113	168/C	0.069	216.66	0.020	163.6	0.0121	117.08
	S2	0.147	0.009	113	199/C	0.062	226.20	0.057	200.1	0.0388	192.88
	N2	0.134	0.001	117	137/C	0.048	174.36	0.039	125.4	0.0291	109.77
	MF	0.041	0.012	65	68/A	0.140	53.88	0.033	145.0	0.0348	166.93
	M4	0.010	0.006	163	44/A	0.051	288.91	0.013	297.0	0.0052	322.07
	MS4	0.004	0.003	109	174/C	0.020	315.36	0.028	357.3	0.0215	1.80
		CENTERED AT DAY 6, 1980									
C2(358,100m) AAND	K1	0.036	0.003	228	170/A	0.082	63.25	0.050	87.72	0.031	98.42
	O1	0.051	0.002	66	301/C	0.094	23.69	0.081	26.34	0.052	26.47
	M2	0.450	0.082	117	157/A	0.160	37.52	0.106	30.30	0.064	27.72
	S2	0.095	0.023	120	186/A	0.032	356.03	0.017	174.73	0.019	171.05
	N2	0.092	0.019	120	127/A	0.025	286.58	0.028	85.40	0.029	86.41
	MF	0.029	0.007	66	31/C	0.273	40.50	0.062	61.60	0.026	110.76
	M4	0.010	0.005	85	218/A	0.024	273.34	0.004	148.45	0.006	121.36
	MS4	0.008	0.001	148	115/A	0.006	328.26	0.024	7.44	0.019	8.54
		CENTERED AT DAY 6, 1980									
C2(358,107m) AAND	K1	0.033	0.002	229	162/A	0.080	61.76	0.047	81.38	0.028	91.01
	O1	0.041	0.001	65	294/C	0.087	23.91	0.076	23.65	0.049	22.93
	M2	0.425	0.037	118	146/A	0.163	38.53	0.099	30.55	0.058	27.23
	S2	0.085	0.022	116	183/A	0.041	358.59	0.019	139.81	0.021	147.80
	N2	0.085	0.014	119	121/A	0.029	296.23	0.037	79.63	0.037	82.72
	MF	0.023	0.009	59	20/C	0.269	38.81	0.059	60.39	0.025	114.44
	M4	0.007	0.000	181	239/A	0.028	260.57	0.024	266.69	0.016	267.95
	MS4	0.003	0.002	176	73/C	0.004	220.83	0.009	205.87	0.006	205.81

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 8, 1980*									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/$_{oo}$)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C3(359,011m) VACM	K1	0.056	0.004	70	350/C	0.013	21.97				
	O1	0.044	0.016	74	306/C	0.020	33.37				
	M2	0.509	0.071	119	174/C	0.086	253.07				
	S2	0.085	0.007	103	233/C	0.063	279.98				
	N2	0.092	0.002	119	152/C	0.007	160.27				
	MF	0.035	0.023	107	129/A	0.361	21.24				
	M4	0.025	0.008	133	127/C	0.010	65.31				
	MS4	0.006	0.001	233	85/C	0.009	153.71				
		CENTERED AT DAY 8, 1980									
C3(359,016m) AAND	K1	0.049	0.005	75	347/C	0.006	58.23	0.023	188.79	0.020	188.74
	O1	0.052	0.016	77	304/C	0.026	28.84	0.042	32.58	0.030	33.38
	M2	0.539	0.091	122	174/C	0.089	247.33	0.061	227.84	0.038	221.49
	S2	0.098	0.010	119	218/C	0.059	280.96	0.023	253.74	0.012	240.32
	N2	0.105	0.009	117	156/C	0.004	301.97	0.031	316.04	0.024	316.39
	MF	0.046	0.003	79	17/C	0.374	22.78	0.173	328.98	0.108	312.55
	M4	0.024	0.010	146	124/C	0.021	39.23	0.042	27.89	0.031	26.48
	MS4	0.006	0.000	189	123/A	0.002	60.45	0.025	351.52	0.020	349.39
		CENTERED AT DAY 8, 1980									
C3(359,100m) AAND	K1	0.037	0.003	237	176/C	0.018	253.42	0.036	216.20	0.027	213.05
	O1	0.039	0.001	72	304/C	0.010	116.62	0.036	49.55	0.029	47.35
	M2	0.449	0.063	128	163/C	0.085	259.80	0.064	242.47	0.040	236.34
	S2	0.085	0.002	128	192/A	0.019	233.63	0.004	163.48	0.004	98.36
	N2	0.102	0.010	123	139/C	0.032	179.19	0.018	304.94	0.019	314.55
	MF	0.032	0.001	81	68/C	0.368	143.68	0.138	131.61	0.058	114.91
	M4	0.021	0.005	237	29/C	0.018	95.98	0.039	68.24	0.029	65.57
	MS4	0.006	0.001	97	254/A	0.008	281.32	0.023	12.60	0.019	15.97

* Current Ellipse for C3(359,011m) centered at day 335, 1979.

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 7, 1980*									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C4(360,015m) AAND	K1	0.042	0.015	64	9/C	0.024	1.75	0.015	72.46	0.011	88.97
	O1	0.050	0.023	71	323/C	0.020	198.78	0.023	31.77	0.021	29.16
	M2	0.499	0.231	125	180/C	0.025	193.72	0.060	260.17	0.050	265.66
	S2	0.094	0.029	133	217/C	0.041	269.23	0.035	217.96	0.024	207.41
	N2	0.088	0.027	127	156/C	0.050	136.30	0.038	107.93	0.023	101.14
	MF	0.050	0.016	112	22/C	0.440	32.66	0.134	12.12	0.054	352.71
	M4	0.013	0.003	217	317/C	0.016	224.84	0.035	244.44	0.026	246.13
	MS4	0.004	0.001	100	150/C	0.009	108.26	0.029	181.09	0.023	184.61
		CENTERED AT DAY 7, 1980									
C4(360,050m) AAND	K1	0.048	0.017	68	8/C	0.081	67.21	0.048	70.75	0.029	75.16
	O1	0.050	0.022	83	317/C	0.083	0.64	0.081	7.88	0.056	8.57
	M2	0.479	0.235	125	178/C	0.327	137.77	0.145	158.52	0.078	171.78
	S2	0.096	0.036	125	209/C	0.072	209.03	0.064	199.20	0.044	201.15
	N2	0.097	0.055	125	152/C	0.157	91.95	0.095	93.77	0.051	94.46
	MF	0.035	0.004	125	39/A	0.631	45.01	0.189	53.97	0.065	67.51
	M4	0.007	0.001	93	148/C	0.052	261.31	0.053	251.90	0.037	248.71
	MS4	0.004	0.001	193	190/C	0.049	270.18	0.031	215.55	0.021	199.28
		CENTERED AT DAY 7, 1980									
C4(360,100m) AAND	K1	0.041	0.009	225	200/C	0.049	133.86	0.044	110.19	0.029	104.20
	O1	0.046	0.014	230	140/C	0.072	7.57	0.079	23.77	0.053	28.27
	M2	0.363	0.044	134	160/C	0.073	60.34	0.047	66.83	0.026	71.11
	S2	0.061	0.009	131	192/A	0.015	351.45	0.023	161.83	0.020	157.88
	N2	0.066	0.003	136	131/C	0.081	68.46	0.070	64.60	0.043	61.93
	MF	0.035	0.004	85	32/C	0.450	27.66	0.205	56.81	0.109	73.46
	M4	0.014	0.008	143	335/C	0.029	270.47	0.044	256.47	0.031	254.35
	MS4	0.007	0.003	205	70/C	0.008	128.51	0.028	182.53	0.022	184.91

* Current Ellipse for C4(360,015m) centered at day 364, 1979.

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 7, 1980*									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C5(361,015m) AAND	K1	0.049	0.014	67	313/C	0.030	3.75	0.003	102.33	0.005	141.33
	O1	0.057	0.010	57	261/C	0.013	296.07	0.012	209.44	0.010	201.35
	M2	0.162	0.012	77	127/A	0.010	52.28	0.014	124.89	0.011	134.13
	S2	0.026	0.006	95	175/A	0.006	341.55	0.012	232.29	0.010	227.63
	N2	0.035	0.003	59	119/A	0.004	120.95	0.015	299.09	0.013	298.38
	MF	0.058	0.032	89	86/A	0.455	49.54	0.030	256.78	0.083	234.00
	M4	0.010	0.002	55	194/C	0.002	164.84	0.022	149.80	0.017	149.53
	MS4	0.003	0.002	135	136/A	0.007	51.88	0.003	106.33	0.002	125.12
		CENTERED AT DAY 7, 1980									
C5(361,030m) AAND	K1	0.054	0.006	62	304/C	0.025	33.19	0.001	71.69	0.002	182.91
	O1	0.062	0.011	65	261/C	0.013	287.42	0.018	171.83	0.016	166.49
	M2	0.158	0.009	77	128/A	0.054	271.10	0.014	60.29	0.017	72.49
	S2	0.025	0.009	83	167/A	0.041	275.02	0.004	358.03	0.006	67.69
	N2	0.028	0.006	75	110/A	0.034	107.19	0.031	290.24	0.030	288.73
	MF	0.057	0.026	102	61/A	0.455	43.81	0.073	238.62	0.112	229.16
	M4	0.011	0.000	56	203/A	0.008	219.76	0.020	139.44	0.016	134.94
	MS4	0.006	0.004	12	274/A	0.011	261.23	0.006	66.38	0.007	70.84
		CENTERED AT DAY 7, 1980									
C5(361,050m) AAND	K1	0.038	0.001	45	317/A	0.023	161.67	0.027	33.07	0.025	28.66
	O1	0.039	0.003	57	265/C	0.031	239.65	0.013	232.74	0.008	231.70
	M2	0.113	0.032	83	112/A	0.020	262.73	0.039	312.61	0.031	315.41
	S2	0.027	0.002	74	155/A	0.014	354.99	0.024	287.79	0.019	283.27
	N2	0.028	0.001	107	63/A	0.011	237.60	0.033	287.00	0.027	288.66
	MF	0.028	0.004	81	54/C	0.434	40.38	0.193	156.27	0.184	168.60
	M4	0.010	0.002	34	212/C	0.010	350.79	0.016	152.41	0.014	153.97
	MS4	0.003	0.001	52	290/C	0.015	39.28	0.004	54.33	0.002	74.23

* Current Ellipse for C5(361,015m) centered 363, 1979.

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 7, 1980									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C6(362,015m) AAND	K1	0.054	0.009	58	306/C	0.018	332.18	0.012	143.51	0.012	140.50
	O1	0.066	0.009	45	264/C	0.006	183.63	0.030	79.02	0.025	77.66
	M2	0.159	0.031	43	149/A	0.010	294.37	0.038	322.77	0.029	324.24
	S2	0.027	0.014	51	194/A	0.006	148.39	0.038	199.35	0.030	200.31
	N2	0.024	0.001	47	118/A	0.007	317.65	0.032	173.36	0.026	171.99
	MF	0.040	0.001	187	337/A	0.390	13.48	0.076	343.10	0.033	295.74
	M4	0.011	0.002	52	203/C	0.007	349.49	0.008	14.65	0.005	18.10
	MS4	0.007	0.001	24	283/C	0.004	255.35	0.013	258.34	0.010	259.13
		CENTERED AT DAY 5, 1980									
C6(362,050m) AAND	K1	0.121	0.012	49	305/C						
	O1	0.144	0.014	53	248/A						
	M2	0.404	0.108	75	136/A						
	S2	0.120	0.059	90	166/A						
	N2	0.052	0.022	70	98/A						
	MF	0.097	0.015	92	60/A						
	M4	0.051	0.014	91	251/C						
	MS4	0.016	0.003	83	250/A						
		CENTERED AT DAY 5, 1980									
C6(362,100m) AAND	K1	0.029	0.006	8	329/A	0.077	60.53	0.054	65.66	0.035	67.56
	O1	0.026	0.000	38	273/A	0.090	16.23	0.061	35.90	0.040	41.54
	M2	0.156	0.002	105	109/C	0.286	4.75	0.208	350.31	0.134	347.00
	S2	0.026	0.005	103	143/A	0.048	27.97	0.008	128.70	0.009	169.27
	N2	0.033	0.001	102	84/C	0.052	12.72	0.014	70.00	0.010	99.99
	MF	0.012	0.001	173	148/A	0.361	33.50	0.150	63.96	0.088	75.94
	M4	0.006	0.006	180	332/C	0.035	350.74	0.039	340.56	0.028	338.49
	MS4	0.004	0.002	98	289/C	0.004	295.82	0.031	231.62	0.025	230.73

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 163, 1980									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/..)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C1(380,015m) VACM	K1	0.067	0.009	87	315/C	0.014	169.16				
	O1	0.075	0.014	87	261/C	0.010	216.99				
	M2	0.825	0.087	107	130/C	0.059	144.72				
	S2	0.131	0.007	110	169/C	0.052	260.75				
	N2	0.154	0.015	110	191/C	0.026	278.76				
	MF	0.022	0.001	81	40/A	0.308	205.27				
	M4	0.025	0.008	121	244/C	0.010	312.90				
	MS4	0.009	0.002	97	281/A	0.018	270.67				
		CENTERED AT DAY 164, 1980									
C1(380,016m) AAND	K1	0.071	0.009	84	327/C	0.003	156.04	0.020	284.74	0.016	285.75
	O1	0.079	0.015	87	273/C	0.023	297.35	0.041	160.45	0.036	155.73
	M2	0.825	0.095	104	152/C	0.061	197.15	0.063	88.39	0.053	80.06
	S2	0.131	0.006	106	191/C	0.063	272.41	0.040	135.05	0.038	128.27
	N2	0.155	0.016	106	111/C	0.037	323.33	0.049	324.20	0.035	325.68
	MF	0.025	0.001	70	40/C	0.316	210.42	0.068	326.16	0.084	351.15
	M4	0.022	0.009	130	292/C	0.014	302.50	0.039	242.38	0.031	239.45
	MS4	0.009	0.001	102	320/C	0.010	274.21	0.029	228.21	0.022	225.95
		CENTERED AT DAY 164, 1980									
C1(380,029m) AAND	K1	0.066	0.004	78	330/C	0.028	67.26	0.009	260.86	0.011	256.67
	O1	0.072	0.010	82	278/C	0.044	1.77	0.044	154.17	0.041	157.14
	M2	0.765	0.027	107	147/C	0.131	230.20	0.095	68.59	0.091	65.54
	S2	0.118	0.007	107	189/A	0.048	251.46	0.044	116.41	0.040	110.35
	N2	0.135	0.002	105	108/A	0.052	318.17	0.042	317.71	0.027	318.33
	MF	0.010	0.002	84	43/A	0.276	240.97	0.068	355.75	0.075	17.80
	M4	0.017	0.000	78	290/C	0.006	325.77	0.023	232.24	0.019	230.05
	MS4	0.011	0.002	61	325/A	0.003	350.20	0.003	280.54	0.002	257.94

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 164, 1980									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C1(380,049m) AAND	K1	0.056	0.001	83	332/C	0.028	75.32	0.010	278.92	0.011	271.55
	O1	0.062	0.006	86	281/C	0.050	3.00	0.036	146.21	0.034	152.19
	M2	0.618	0.039	109	141/A	0.110	236.38	0.079	52.16	0.076	53.15
	S2	0.115	0.005	105	189/A	0.034	268.13	0.039	141.41	0.034	135.74
	N2	0.123	0.007	105	104/A	0.038	293.43	0.050	324.81	0.037	328.80
	MF	0.011	0.006	213	285/A	0.254	255.77	0.080	323.57	0.060	349.27
	M4	0.021	0.006	237	91/C	0.008	324.42	0.047	255.44	0.037	253.68
	MS4	0.009	0.001	69	309/C	0.004	346.31	0.032	225.46	0.026	223.95
		CENTERED AT DAY 162, 1980									
C2(381,023m) VACM	K1	0.059	0.009	91	341/C	0.055	56.62				
	O1	0.072	0.020	96	289/C	0.053	0.27				
	M2	0.567	0.017	106	173/C	0.143	197.16				
	S2	0.107	0.003	115	219/C	0.026	279.15				
	N2	0.100	0.011	105	139/A	0.113	177.67				
	MF	0.026	0.017	194	39/A	0.472	182.80				
	M4	0.022	0.004	131	191/C	0.022	171.58				
	MS4	0.007	0.001	183	246/C	0.029	306.37				
		CENTERED AT DAY 162, 1980									
C2(381,024m) AAND	K1	0.061	0.009	89	341/C	0.052	56.20	0.027	9.22	0.018	350.39
	O1	0.074	0.020	95	288/C	0.056	14.47	0.038	287.93	0.032	271.77
	M2	0.564	0.020	105	173/C	0.149	193.40	0.045	353.25	0.056	1.98
	S2	0.107	0.004	112	219/C	0.019	293.86	0.008	343.74	0.004	11.53
	N2	0.098	0.009	104	139/A	0.111	175.02	0.014	171.75	0.005	10.42
	MF	0.026	0.019	178	58/A	0.466	182.87	0.051	176.86	0.016	31.57
	M4	0.021	0.004	121	186/C	0.023	179.41	0.032	305.94	0.028	310.11
	MS4	0.005	0.001	170	247/C	0.026	298.24	0.024	224.57	0.019	212.55

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 162, 1980									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C2(381,046m) AAND	K1	0.062	0.006	86	349/C	0.037	78.00	0.032	13.53	0.024	2.37
	O1	0.070	0.011	88	297/C	0.032	53.85	0.042	296.87	0.036	290.06
	M2	0.625	0.065	110	171/C	0.159	252.01	0.050	15.08	0.055	34.46
	S2	0.101	0.012	112	220/C	0.014	78.02	0.014	4.59	0.011	2.25
	N2	0.128	0.011	122	132/C	0.040	210.86	0.023	133.92	0.018	115.24
	MF	0.021	0.001	114	98/A	0.118	184.88	0.041	170.17	0.024	161.49
	M4	0.016	0.001	120	112/C	0.021	348.73	0.043	306.78	0.033	303.54
	MS4	0.002	0.001	230	199/C	0.010	64.69	0.021	217.71	0.018	220.19
		CENTERED AT DAY 162, 1980									
C2(381,096m) AAND	K1	0.046	0.004	239	173/A	0.029	79.53	0.038	35.01	0.029	29.77
	O1	0.055	0.002	64	298/C	0.037	13.31	0.050	318.32	0.038	312.42
	M2	0.493	0.037	118	152/A	0.086	275.29	0.070	28.45	0.064	38.39
	S2	0.077	0.013	110	198/A	0.024	3.46	0.014	20.09	0.009	30.07
	N2	0.103	0.004	117	118/A	0.053	160.07	0.043	133.50	0.029	126.76
	MF	0.023	0.008	238	247/A	0.077	60.02	0.006	172.56	0.014	216.60
	M4	0.018	0.001	141	336/C	0.008	304.08	0.042	290.22	0.033	289.71
	MS4	0.005	0.001	138	359/A	0.007	168.49	0.023	223.65	0.018	226.56
		CENTERED AT DAY 163, 1980									
C3(382,014m) AAND	K1	0.051	0.014	88	351/C	0.034	91.38	0.022	354.22	0.019	338.49
	O1	0.053	0.024	94	296/C	0.006	162.37	0.030	201.95	0.024	202.93
	M2	0.560	0.131	123	175/C	0.076	337.06	0.096	260.34	0.076	251.95
	S2	0.100	0.037	118	232/C	0.035	238.14	0.041	269.56	0.030	277.88
	N2	0.112	0.028	124	149/C	0.001	56.02	0.017	82.53	0.014	84.35
	MF	0.013	0.008	174	253/C	0.344	169.44	0.021	143.97	0.036	5.63
	M4	0.042	0.018	129	153/C	0.010	219.21	0.036	71.51	0.030	70.54
	MS4	0.012	0.001	138	216/A	0.008	27.64	0.038	58.86	0.030	60.66

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 163, 1980									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/..)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C3(382,048m) AAND	K1	0.052	0.014	76	360/C	0.031	65.84	0.028	329.35	0.024	318.09
	O1	0.064	0.026	83	308/C	0.040	41.15	0.047	206.82	0.043	208.33
	M2	0.609	0.143	121	177/C	0.088	270.12	0.073	249.17	0.048	244.25
	S2	0.112	0.022	123	227/C	0.040	272.30	0.022	266.52	0.012	264.20
	N2	0.121	0.018	121	140/C	0.059	168.01	0.017	96.70	0.013	61.70
	MF	0.021	0.001	155	257/C	0.107	45.05	0.041	46.19	0.017	57.90
	M4	0.012	0.004	151	348/C	0.036	329.48	0.041	105.77	0.037	110.65
	MS4	0.007	0.003	167	78/C	0.012	69.59	0.021	93.57	0.015	96.68
		CENTERED AT DAY 163, 1980									
C3(382,098m) AAND	K1					0.010	80.31	0.030	341.57	0.024	337.84
	O1					0.018	68.91	0.048	221.58	0.041	222.82
	M2					0.078	248.30	0.079	263.07	0.054	265.80
	S2					0.033	221.95	0.022	262.00	0.015	272.30
	N2					0.020	145.97	0.028	76.57	0.021	68.76
	MF					0.034	359.09	0.015	354.58	0.005	328.54
	M4					0.011	44.33	0.028	128.94	0.023	132.31
	MS4					0.006	17.69	0.021	103.87	0.017	106.54
		CENTERED AT DAY 163, 1980									
C4(383,012m) AAND	K1	0.045	0.010	238	190/C	0.032	177.61	0.020	22.33	0.022	17.88
	O1	0.063	0.030	68	312/C	0.006	21.16	0.036	272.08	0.029	266.69
	M2	0.437	0.168	127	182/C	0.110	246.48	0.024	318.59	0.024	358.58
	S2	0.102	0.051	129	232/C	0.061	230.10	0.044	269.56	0.029	284.13
	N2	0.081	0.034	122	147/C	0.075	152.20	0.030	107.25	0.016	80.26
	MF	0.032	0.013	74	38/C	0.716	181.30	0.017	186.25	0.099	355.90
	M4	0.024	0.001	166	46/C	0.016	42.25	0.033	212.60	0.030	212.64
	MS4	0.006	0.002	198	36/C	0.004	350.57	0.022	184.22	0.018	187.67

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 162, 1980									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C4(383,097m) AAND	K1	0.041	0.015	227	221/C	0.122	108.25	0.082	92.69	0.050	86.89
	O1	0.063	0.031	236	163/C	0.197	44.19	0.106	30.65	0.058	24.11
	M2	0.423	0.118	130	162/C	0.226	106.47	0.107	109.35	0.055	112.75
	S2	0.060	0.006	134	205/A	0.048	103.42	0.035	160.39	0.024	175.17
	N2	0.079	0.016	143	128/C	0.063	14.47	0.027	19.25	0.013	20.47
	MF	0.027	0.004	83	37/C	0.191	112.73	0.075	78.48	0.039	59.97
	M4	0.010	0.006	166	354/C	0.064	261.95	0.050	257.97	0.032	256.02
	MS4	0.001	0.000	224	104/C	0.010	205.26	0.023	183.82	0.017	182.86
		CENTERED AT DAY 163, 1980									
C5(384,014m) AAND	K1	0.064	0.017	69	318/C	0.116	22.79	0.019	155.67	0.027	178.30
	O1	0.068	0.013	68	261/C	0.175	304.95	0.039	206.42	0.041	172.69
	M2	0.210	0.051	70	131/C	0.211	75.66	0.031	268.50	0.049	259.24
	S2	0.030	0.002	43	198/C	0.110	175.70	0.014	42.26	0.023	16.50
	N2	0.039	0.018	71	93/C	0.056	347.85	0.015	244.99	0.015	209.84
	MF	0.018	0.001	47	106/C	0.197	161.24	0.067	320.26	0.089	325.22
	M4	0.019	0.004	92	210/C	0.030	125.98	0.033	282.41	0.029	286.11
	MS4	0.005	0.001	82	295/C	0.006	346.26	0.010	248.12	0.008	241.54
		CENTERED AT DAY 163, 1980									
C5(384,030m) AAND	K1	0.056	0.012	66	342/C	0.019	82.70	0.005	22.15	0.003	346.83
	O1	0.069	0.019	61	290/C	0.050	5.07	0.042	247.89	0.037	240.52
	M2	0.129	0.017	72	185/A	0.112	164.29	0.066	331.79	0.063	333.66
	S2	0.020	0.001	76	193/A	0.018	222.26	0.038	314.24	0.031	317.91
	N2	0.029	0.003	81	133/C	0.088	96.02	0.012	126.65	0.005	200.52
	MF	0.029	0.001	23	59/A	0.265	182.88	0.042	338.33	0.063	346.55
	M4	0.008	0.003	34	344/C	0.005	29.43	0.010	34.83	0.007	34.90
	MS4	0.005	0.001	166	296/A	0.004	125.62	0.030	355.87	0.024	354.58

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 163, 1980									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/..)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C5(384,050m) AAND	K1	0.043	0.002	36	329/A	0.016	246.55	0.020	111.41	0.017	107.70
	O1	0.047	0.002	38	275/C	0.023	220.26	0.027	244.03	0.019	246.10
	M2	0.104	0.055	116	82/A	0.020	175.25	0.074	301.88	0.060	302.95
	S2	0.025	0.001	109	149/C	0.011	334.75	0.024	55.40	0.020	58.77
	N2	0.022	0.011	147	15/A	0.013	356.49	0.024	261.68	0.019	259.09
	MF	0.019	0.006	41	75/C	0.209	192.63	0.021	238.85	0.016	312.61
	M4	0.008	0.000	36	206/A	0.019	267.54	0.027	282.60	0.020	283.48
	MS4	0.001	0.011	149	60/C	0.005	304.77	0.008	263.34	0.006	260.19
		CENTERED AT DAY 161, 1980									
C6(385,013m) AAND	K1	0.077	0.020	51	319/C	0.030	287.61	0.010	24.24	0.010	52.51
	O1	0.078	0.018	58	267/C	0.040	297.82	0.034	298.82	0.021	297.51
	M2	0.158	0.068	22	175/A	0.192	182.84	0.045	349.74	0.065	354.94
	S2	0.023	0.011	164	106/A	0.105	291.77	0.039	284.39	0.017	268.50
	N2	0.030	0.011	186	357/A	0.093	154.31	0.020	325.17	0.029	331.31
	MF	0.028	0.009	79	154/C	0.598	114.75	0.115	304.08	0.168	298.12
	M4	0.010	0.002	41	213/C	0.018	81.97	0.027	81.03	0.019	81.67
	MS4	0.002	0.001	118	257/A	0.014	169.63	0.024	353.94	0.021	352.97
		CENTERED AT DAY 161, 1980									
C6(385,050m) AAND	K1	0.042	0.002	52	318/C	0.009	32.00	0.020	20.92	0.015	20.03
	O1	0.047	0.006	49	269/C	0.029	352.17	0.042	314.68	0.032	311.29
	M2	0.121	0.031	70	133/A	0.036	148.45	0.096	359.20	0.080	357.93
	S2	0.019	0.008	92	155/A	0.013	116.25	0.032	292.05	0.027	292.00
	N2	0.024	0.004	66	107/A	0.021	210.91	0.029	321.52	0.024	325.53
	MF	0.019	0.010	36	126/C	0.187	164.04	0.028	130.48	0.011	89.73
	M4	0.005	0.001	76	210/C	0.011	334.45	0.031	98.84	0.026	100.36
	MS4	0.003	0.001	67	278/A	0.007	28.40	0.023	17.69	0.018	16.92

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 161, 1980									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C6(385,100m) AAND	K1	0.036	0.007	25	327/A	0.095	57.64	0.045	47.33	0.026	42.87
	O1	0.037	0.000	24	273/A	0.101	343.91	0.063	327.52	0.041	322.56
	M2	0.159	0.037	82	118/C	0.285	32.53	0.152	30.16	0.092	29.22
	S2	0.021	0.004	49	175/C	0.018	31.42	0.039	307.32	0.032	303.78
	N2	0.031	0.012	77	75/C	0.059	358.19	0.030	4.12	0.018	5.67
	MF	0.007	0.002	85	143/C	0.139	120.06	0.056	97.72	0.033	85.85
	M4	0.005	0.003	29	228/C	0.006	251.33	0.026	155.24	0.021	154.19
	MS4	0.005	0.001	22	305/C	0.007	331.10	0.023	40.73	0.019	42.60

TABLE 8

GENERAL TIDAL ANALYSIS FOR BOTTOM PRESSURE AND TEMPERATURE

SITE (Mooring) (Depth)	CENTERED AT DAY	CONSTITUENT	TEMPERATURE		PRESSURE	
			AMP. (°C)	PHASE (GMT)	AMP. (MBAR)	PHASE (GMT)
C2(358,110m)	6,1980	K1	0.074	81.67	9.234	158.02
		O1	0.069	47.07	7.909	146.20
		M2	0.152	65.82	81.053	15.76
		S2	0.053	34.30	19.576	37.84
		N2	0.046	320.00	17.239	348.61
		MF	0.228	36.56	2.726	85.98
		M4	0.019	296.24	1.420	122.13
		MS4	0.005	251.84	0.723	127.57
C6(362,110m)	5,1980	K1	0.061	81.54	9.425	140.64
		O1	0.070	46.80	6.863	127.05
		M2	0.130	51.79	69.724	347.65
		S2	0.032	30.69	18.449	11.94
		N2	0.038	43.65	14.557	325.62
		MF	0.272	28.23	3.480	210.50
		M4	0.007	49.49	0.786	249.42
		MS4	0.001	313.72	0.617	49.59
C2(381,110m)	162,1980	K1	0.025	95.55	9.521	172.92
		O1	0.031	30.70	8.296	153.37
		M2	0.066	312.73	83.133	30.74
		S2	0.017	33.95	16.904	69.21
		N2	0.041	189.59	16.883	359.90
		MF	0.079	62.40	3.986	212.60
		M4	0.003	199.27	1.206	161.12
		MS4	0.005	217.21	0.434	132.17

TABLE 9

GENERAL TIDAL ANALYSIS FOR SEA LEVELS

LOCATION	CONSTITUENT	Centered at Day 15,1979		Centered at Day 109,1979		Centered at Day 237,1979	
		*01/11/78 to 31/03/79		01/04/79 to 07/05/79		08/08/79 to 10/09/79	
		DISPLACEMENT		DISPLACEMENT		DISPLACEMENT	
		AMP. (cm)	PHASE (GMT)	AMP. (cm)	PHASE (GMT)	AMP. (cm)	PHASE (GMT)
YARMOUTH	K1	11.428	178.25	15.146	187.57	15.776	186.20
	O1	11.270	164.12	10.185	166.04	11.694	162.04
	M2	163.150	62.42	167.701	66.06	165.631	66.64
	S2	31.613	89.68	26.263	105.08	23.393	100.97
	N2	36.693	36.62	28.692	29.33	39.088	46.77
	MF	5.418	291.56	8.065	219.05	3.599	328.90
	M4	2.266	176.53	2.648	189.94	0.995	150.71
	MS4	0.946	219.25	1.227	228.12	1.138	213.09

		Centered at Day 12,1980		Centered at Day 172,1980		Centered at Day 252,1980	
		*07/11/79 to 19/03/80		06/05/80 to 03/08/80		13/08/80 to 03/10/80	
		DISPLACEMENT		DISPLACEMENT		DISPLACEMENT	
		AMP. (cm)	PHASE (GMT)	AMP. (cm)	PHASE (GMT)	AMP. (cm)	PHASE (GMT)
YARMOUTH	K1	10.929	180.47	12.843	184.28	16.584	182.80
	O1	10.150	162.65	11.119	162.73	9.910	167.23
	M2	165.057	62.03	168.246	61.50	164.331	61.75
	S2	32.680	91.31	25.826	100.56	23.886	92.43
	N2	32.835	38.27	30.562	30.14	39.742	49.44
	MF	0.366	281.98	2.896	322.38	3.607	280.03
	M4	2.205	171.47	2.073	169.98	2.141	169.36
	MS4	1.049	201.19	0.715	213.30	0.467	235.83

General tidal analyses were done on sea level data for the current meter seasons (April to September, October to March) that had 29 days or more with no missing data.

* = to the time period the general tidal analysis covers

TABLE 9 (Continued)

LOCATION	CONSTITUENT	Centered at Day 16,1979 *01/11/78 to 02/04/79 DISPLACEMENT AMP. (cm)	PHASE (GMT)	Centered at Day 125,1979 02/04/79 to 07/06/79 DISPLACEMENT AMP. (cm)	PHASE (GMT)	Centered at Day 237,1979 20/07/79 to 30/09/79 DISPLACEMENT AMP. (cm)	PHASE (GMT)	Centered at Day 29,1980 01/10/79 to 01/11/79 DISPLACEMENT AMP. (cm)	PHASE (GMT)
HALIFAX	K1	8.147	121.86	11.659	119.50	10.887	111.19	8.808	124.16
	O1	6.371	103.64	4.311	90.76	5.125	86.37	4.403	117.91
	M2	62.544	351.02	63.784	350.61	62.846	350.58	62.939	351.08
	S2	16.186	14.64	13.223	27.18	12.083	18.89	13.399	16.75
	N2	14.440	330.79	11.132	323.96	15.709	327.34	14.753	316.73
	MF	4.756	295.02	3.177	203.39	1.199	332.93	3.948	201.99
	M4	3.530	277.39	3.372	279.74	3.093	274.63	3.167	277.76
	MS4	1.832	48.94	1.931	47.17	2.141	54.61	2.224	42.70

		Centered at Day 29,1980 27/11/79 to 03/03/80 DISPLACEMENT AMP. (cm)	PHASE (GMT)	Centered at Day 137,1980 01/04/80 to 01/07/80 DISPLACEMENT AMP. (cm)	PHASE (GMT)	Centered at Day 260,1980 02/09/80 to 01/10/80 DISPLACEMENT AMP. (cm)	PHASE (GMT)	Centered at Day 237,1980 14/10/80 to 31/12/80 DISPLACEMENT AMP. (cm)	PHASE (GMT)
HALIFAX	K1	8.769	115.30	10.305	124.30	13.628	119.95	9.350	129.01
	O1	3.554	91.63	4.101	95.48	3.642	84.89	6.175	85.32
	M2	63.188	350.34	64.175	349.87	63.013	349.74	62.770	349.63
	S2	15.329	14.04	13.217	29.15	13.287	23.94	13.942	23.76
	N2	13.541	333.55	13.232	320.16	15.477	328.77	15.074	319.84
	MF	2.235	206.53	3.586	320.07	4.245	319.46	1.420	76.84
	M4	3.653	274.65	3.673	273.20	3.570	259.54	2.991	275.56
	MS4	2.140	56.13	2.122	37.99	2.849	47.47	1.689	31.39

General tidal analyses were done on sea level data for the current meter seasons (April to September, October to March) that had 29 days or more with no missing data.

* = to the time period the general tidal analysis covers

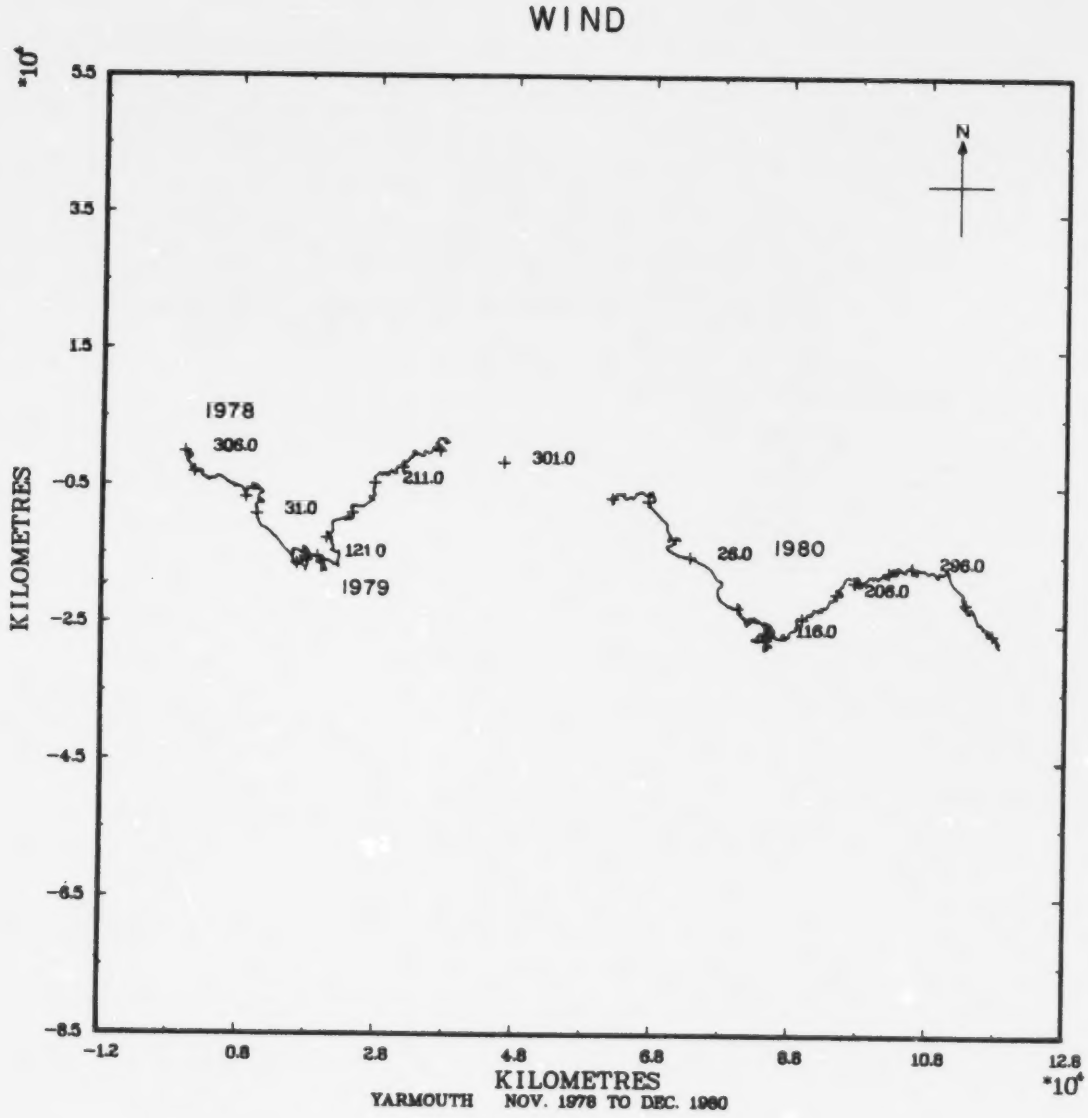
TABLE 9 (Continued)

LOCATION	CONSTITUENT	Centered at Day 188,1979		Centered at Day 257,1979		Centered at Day 315,1979	
		*05/06/79 to 09/08/79		28/08/79 to 30/09/79		01/10/79 to 19/12/79	
		DISPLACEMENT		DISPLACEMENT		DISPLACEMENT	
		AMP. (cm)	PHASE (GMT)	AMP. (cm)	PHASE (GMT)	AMP. (cm)	PHASE (GMT)
SHELBURNE	K1	13.833	144.17	15.925	144.26	12.534	152.77
	O1	9.094	119.80	8.314	123.08	7.779	128.15
	M2	74.452	0.67	73.361	358.56	72.749	359.42
	S2	14.103	29.35	14.099	25.07	16.215	23.07
	N2	17.719	343.88	19.809	332.98	16.085	327.70
	MF	3.878	39.90	1.122	178.98	1.784	86.69
	M4	1.471	251.80	1.149	263.90	1.655	254.28
	MS4	0.775	59.69	0.527	24.99	0.294	22.41

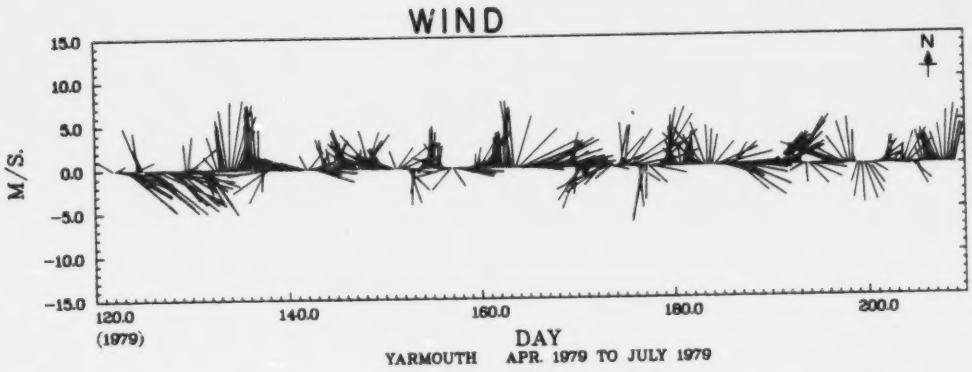
		Centered at Day 41,1980		Centered at Day 114,1980		Centered at Day 224,1980	
		22/12/79 to 31/03/80		01/04/80 to 15/05/80		29/05/80 to 24/10/80	
		DISPLACEMENT		DISPLACEMENT		DISPLACEMENT	
		AMP. (cm)	PHASE (GMT)	AMP. (cm)	PHASE (GMT)	AMP. (cm)	PHASE (GMT)
SHELBURNE	K1	12.727	144.39	16.091	151.81	13.993	133.20
	O1	6.957	129.97	8.347	133.73	8.182	125.27
	M2	72.601	358.28	74.640	359.83	74.105	1.73
	S2	15.465	24.73	15.031	40.95	12.121	20.94
	N2	18.227	337.45	18.883	309.84	15.636	337.36
	MF	8.124	213.75	3.864	236.05	2.727	285.44
	M4	1.442	253.96	1.483	252.75	1.162	259.86
	MS4	0.479	64.73	0.337	54.11	0.561	75.58

General tidal analyses were done on sea level data for the current meter seasons (April to September, October to March) that had 29 days or more with no missing data.

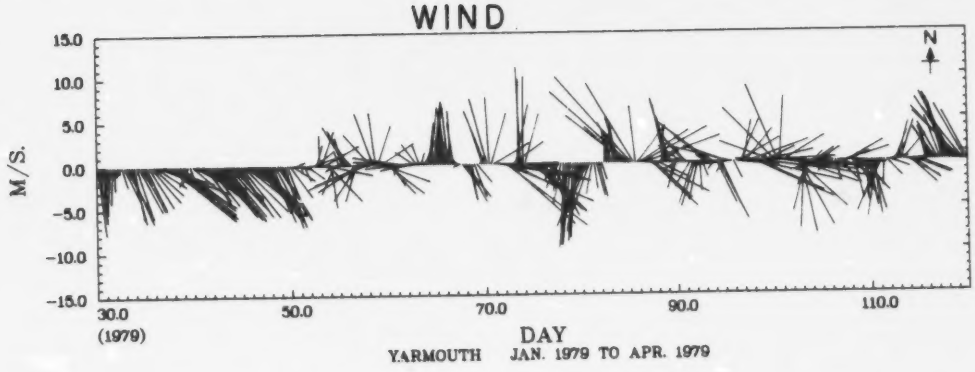
* = to the time period the general tidal analysis covers



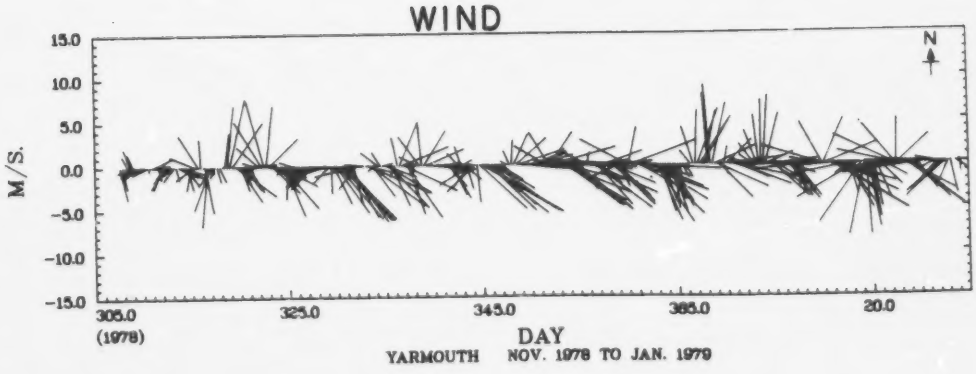
*Blank record indicates missing data - net displacement estimated from mean wind speed and direction may be in error.



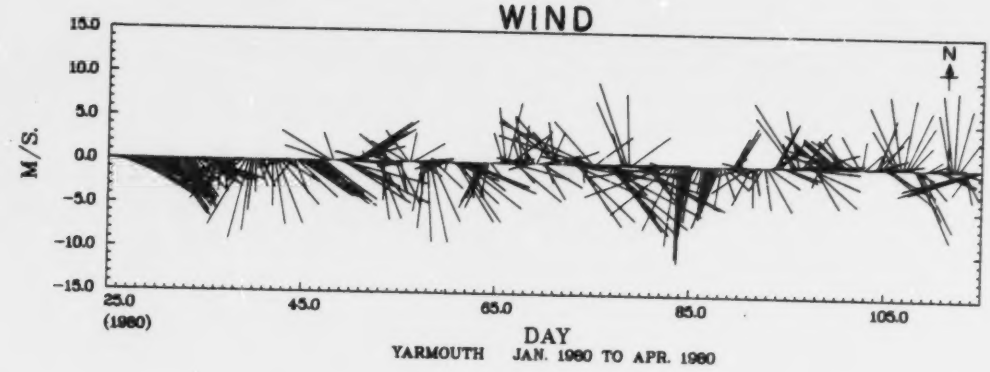
YARMOUTH APR. 1979 TO JULY 1979



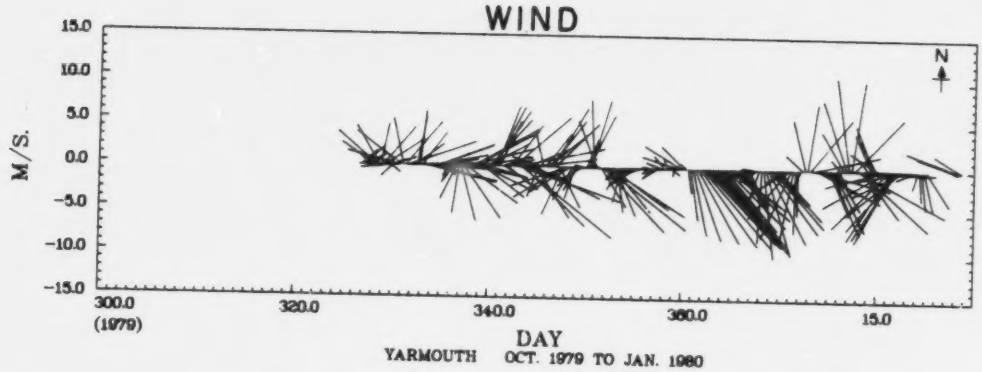
YARMOUTH JAN. 1979 TO APR. 1979



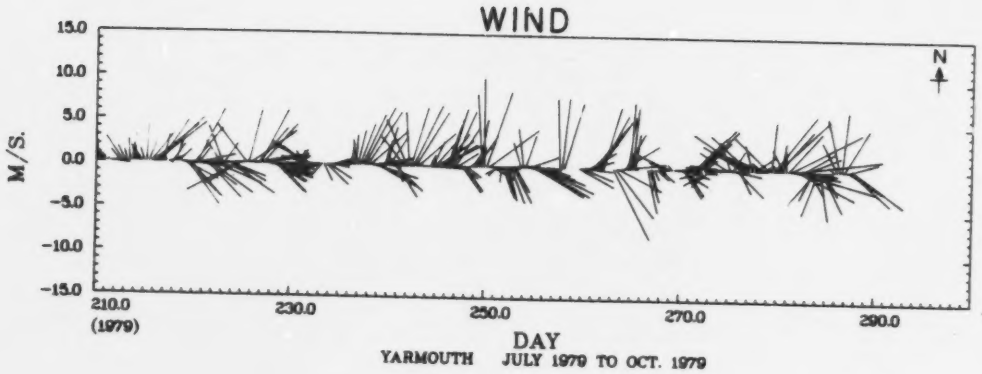
YARMOUTH NOV. 1978 TO JAN. 1979



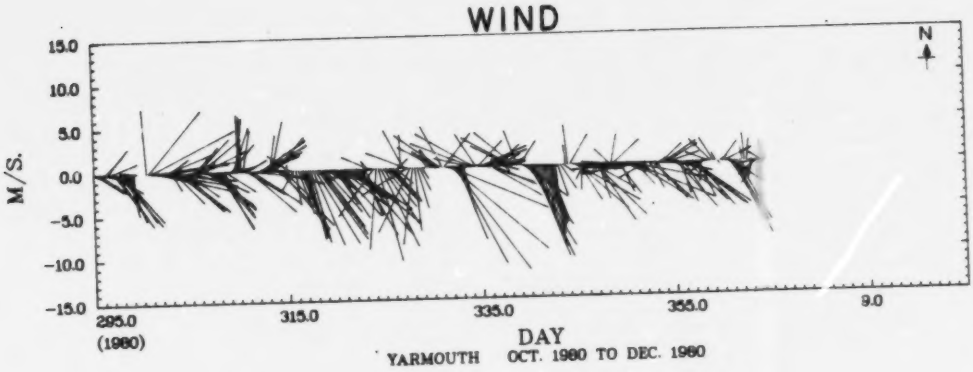
YARMOUTH JAN. 1980 TO APR. 1980

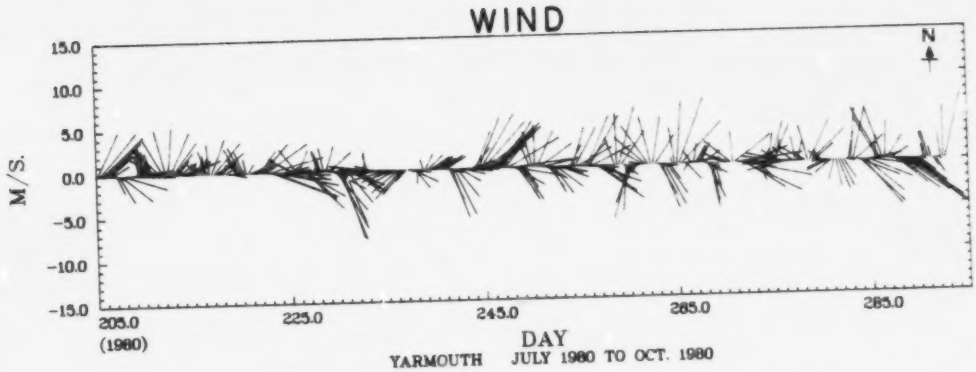


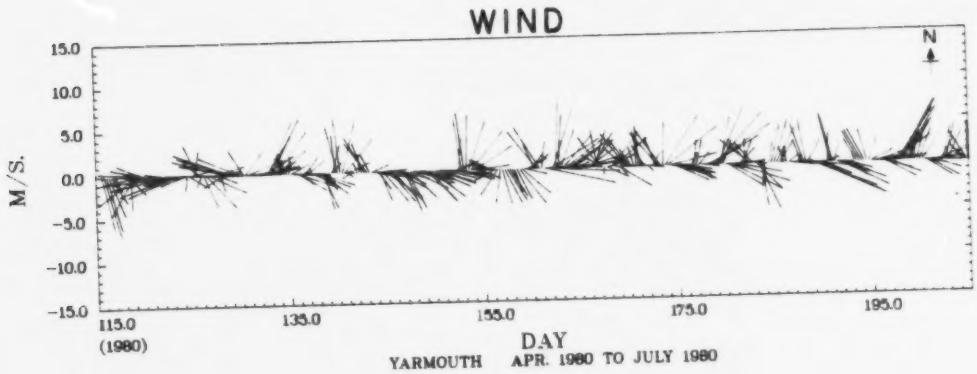
YARMOUTH OCT. 1979 TO JAN. 1980

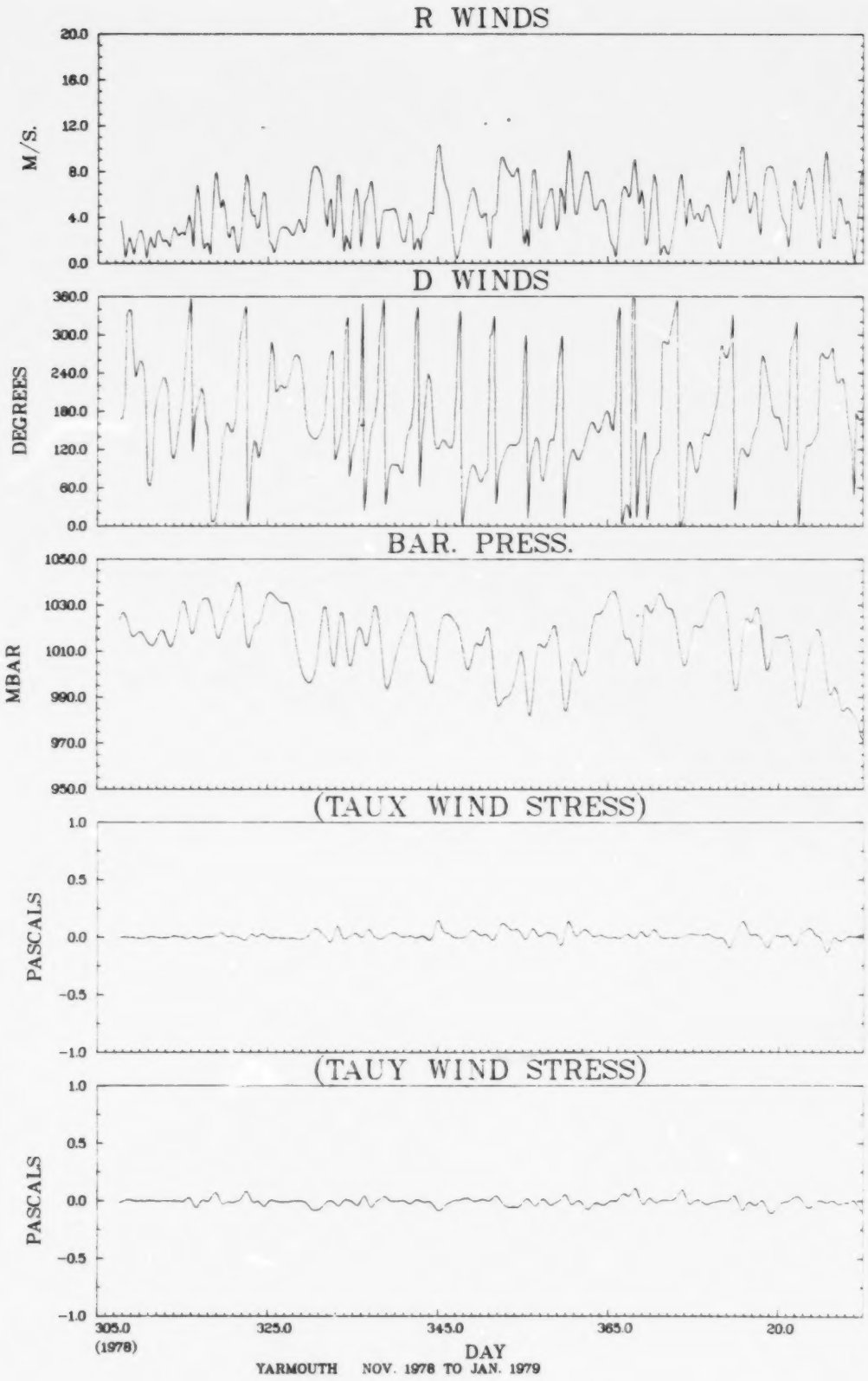


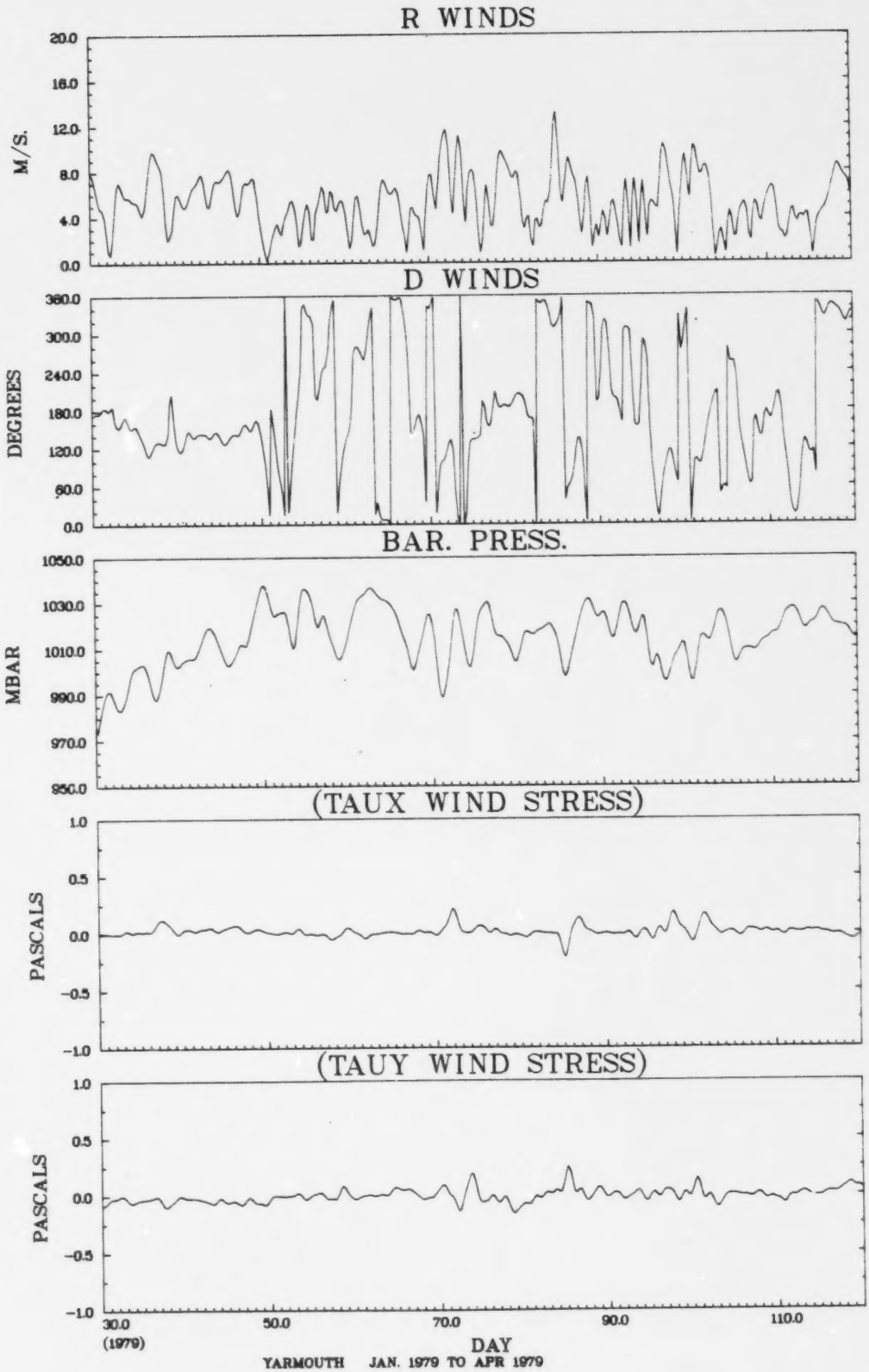
YARMOUTH JULY 1979 TO OCT. 1979

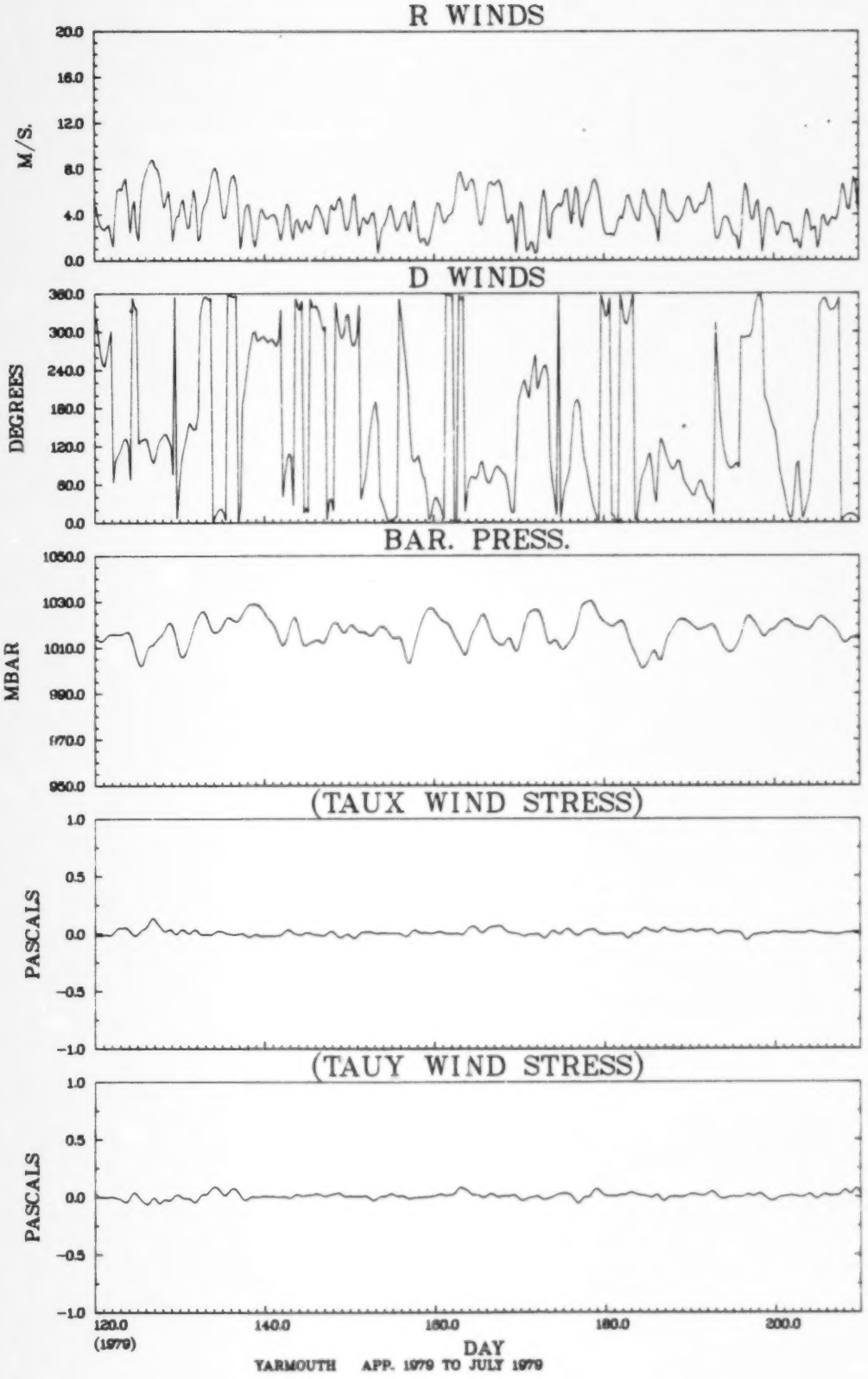

WIND
N
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
M/S.
295.0
(1980)
315.0
335.0
355.0
9.0
DAY
YARMOUTH OCT. 1980 TO DEC. 1980

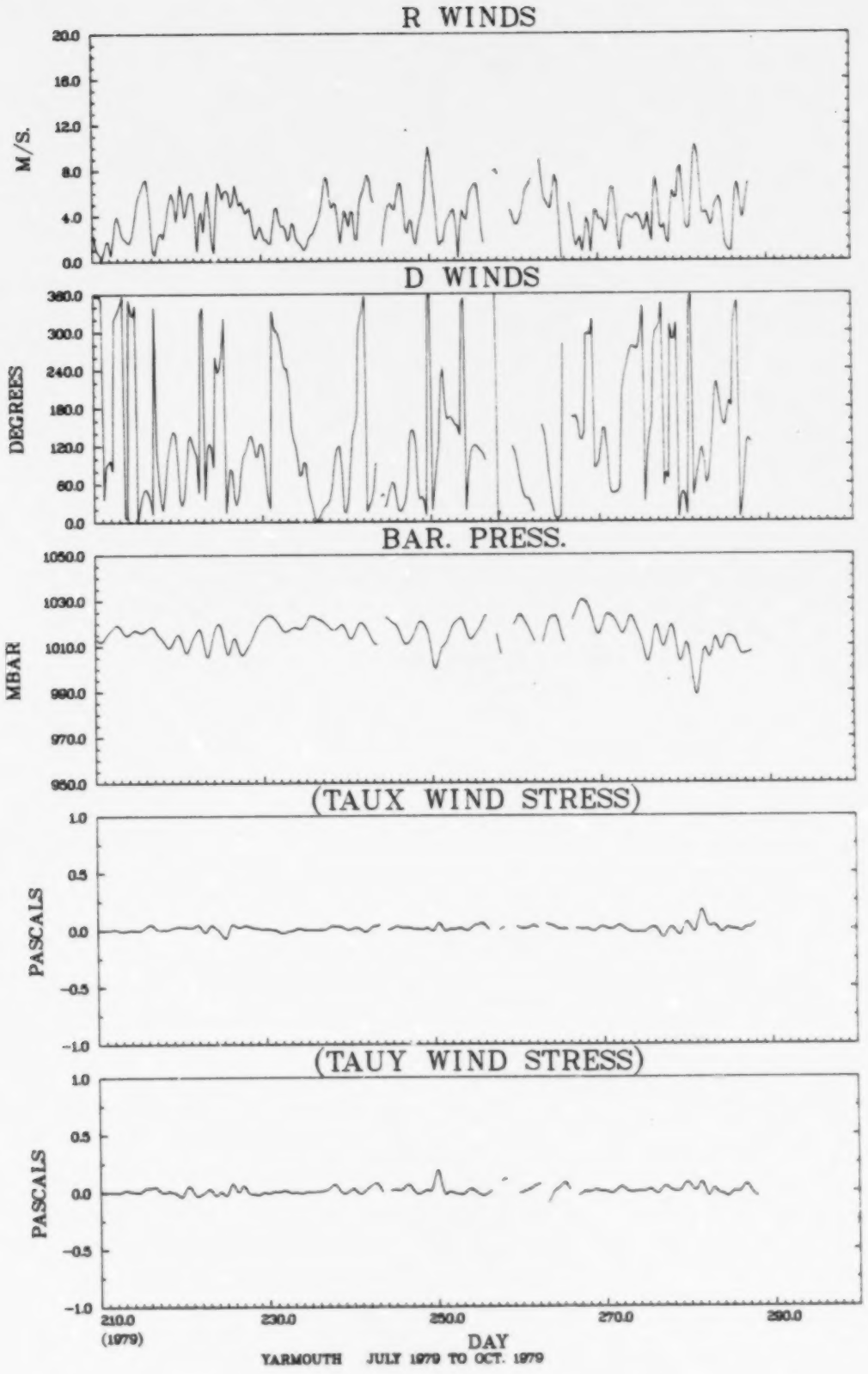

WIND
N
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
M/S.
205.0
(1980)
225.0
245.0
265.0
285.0
DAY
YARMOUTH JULY 1980 TO OCT. 1980

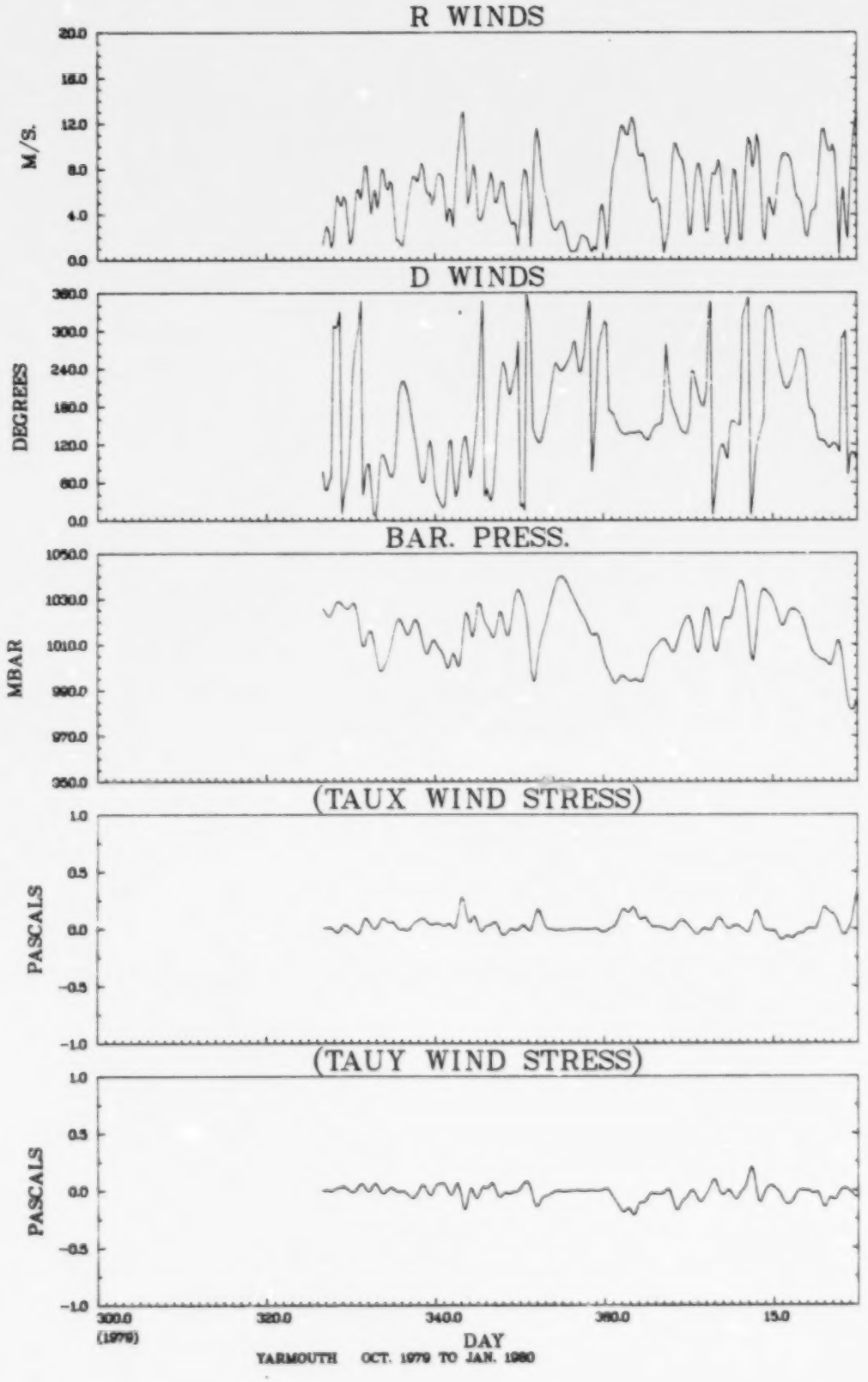

WIND
N
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
M/S.
115.0
(1980)
135.0
155.0
175.0
195.0
DAY
YARMOUTH APR. 1980 TO JULY 1980

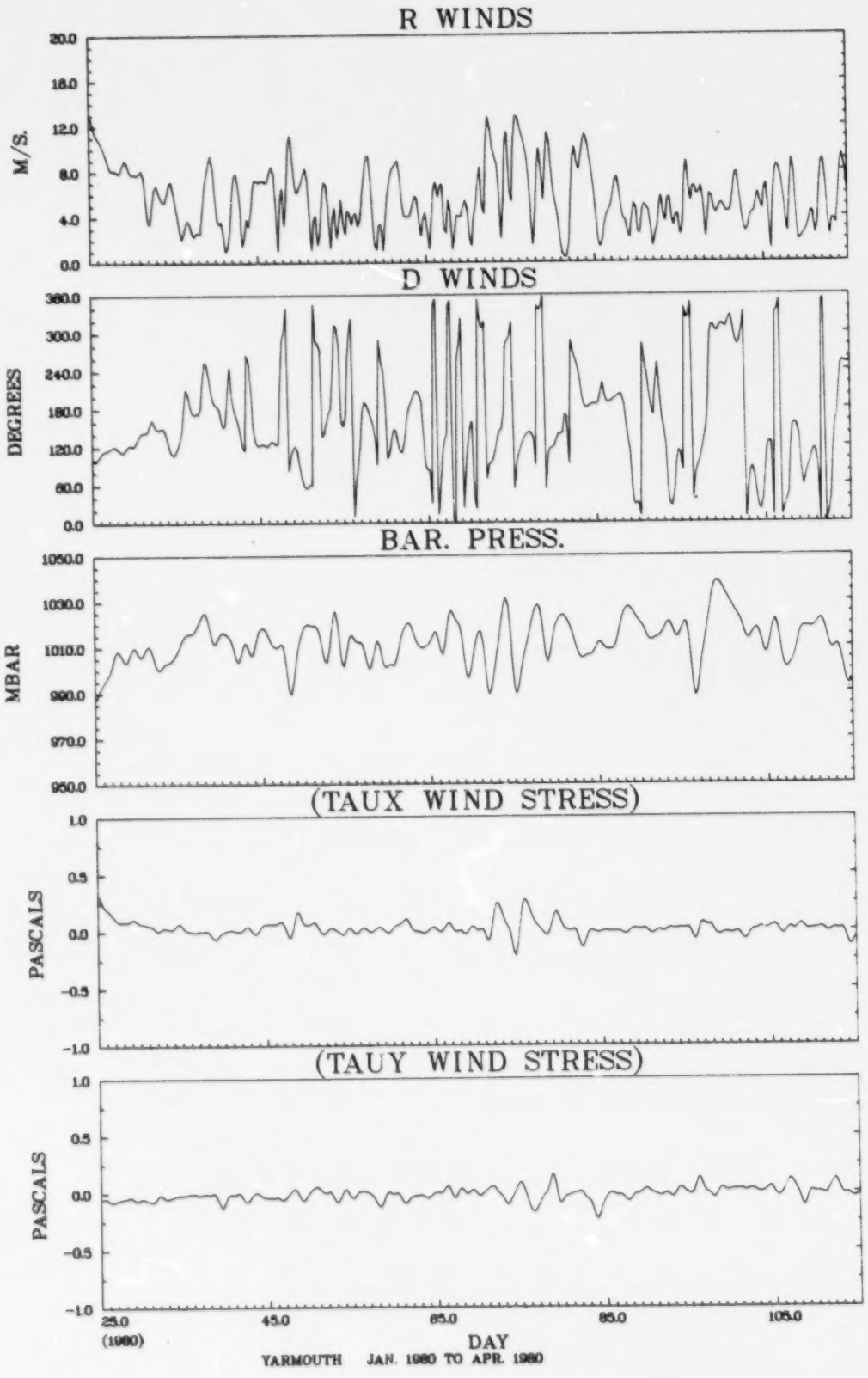

R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
305.0
(1978)
325.0
345.0
365.0
20.0
DAY
YARMOUTH NOV. 1978 TO JAN. 1979

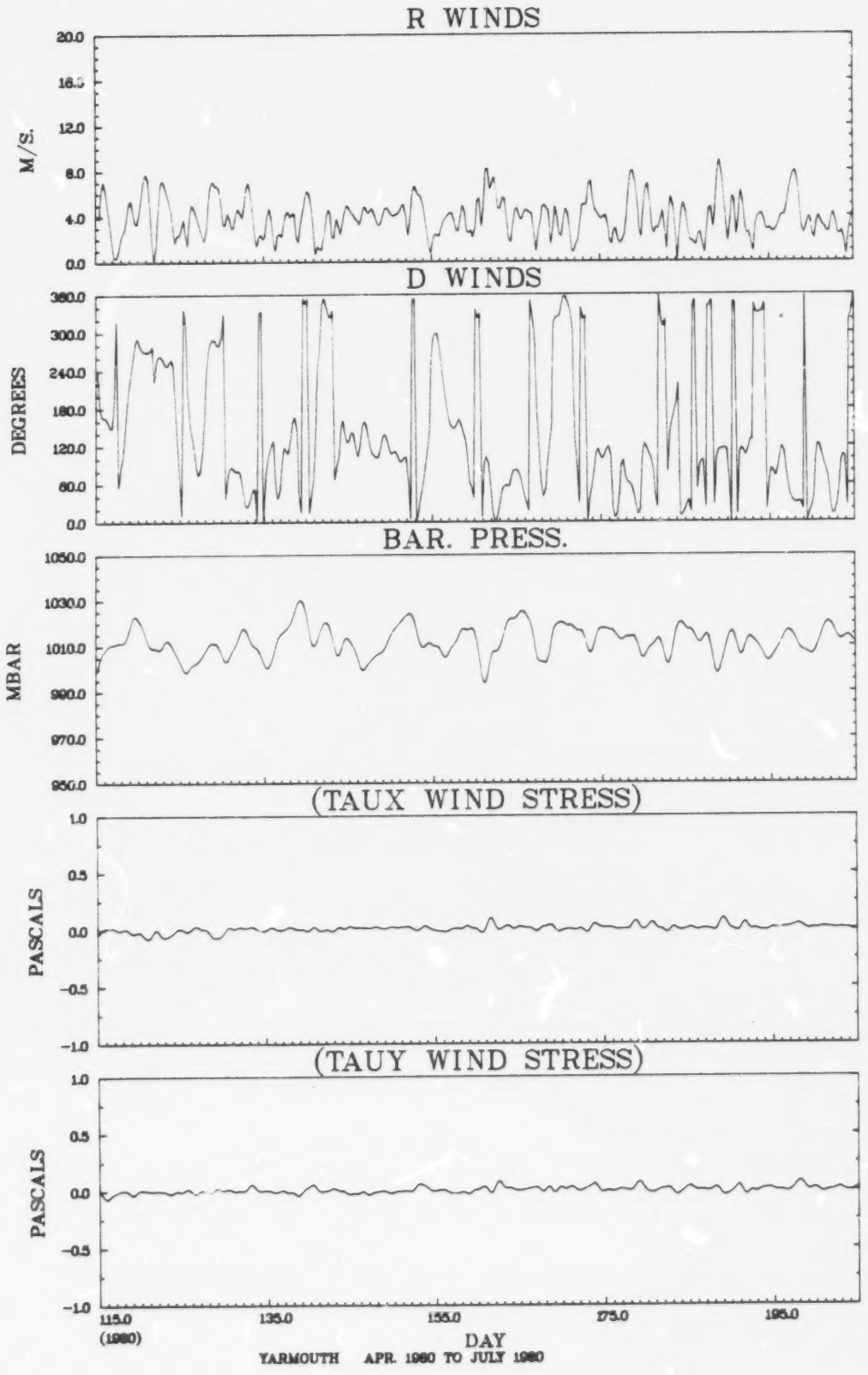

R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
30.0
(1979)
50.0
70.0
90.0
110.0
DAY
YARMOUTH JAN. 1979 TO APR 1979

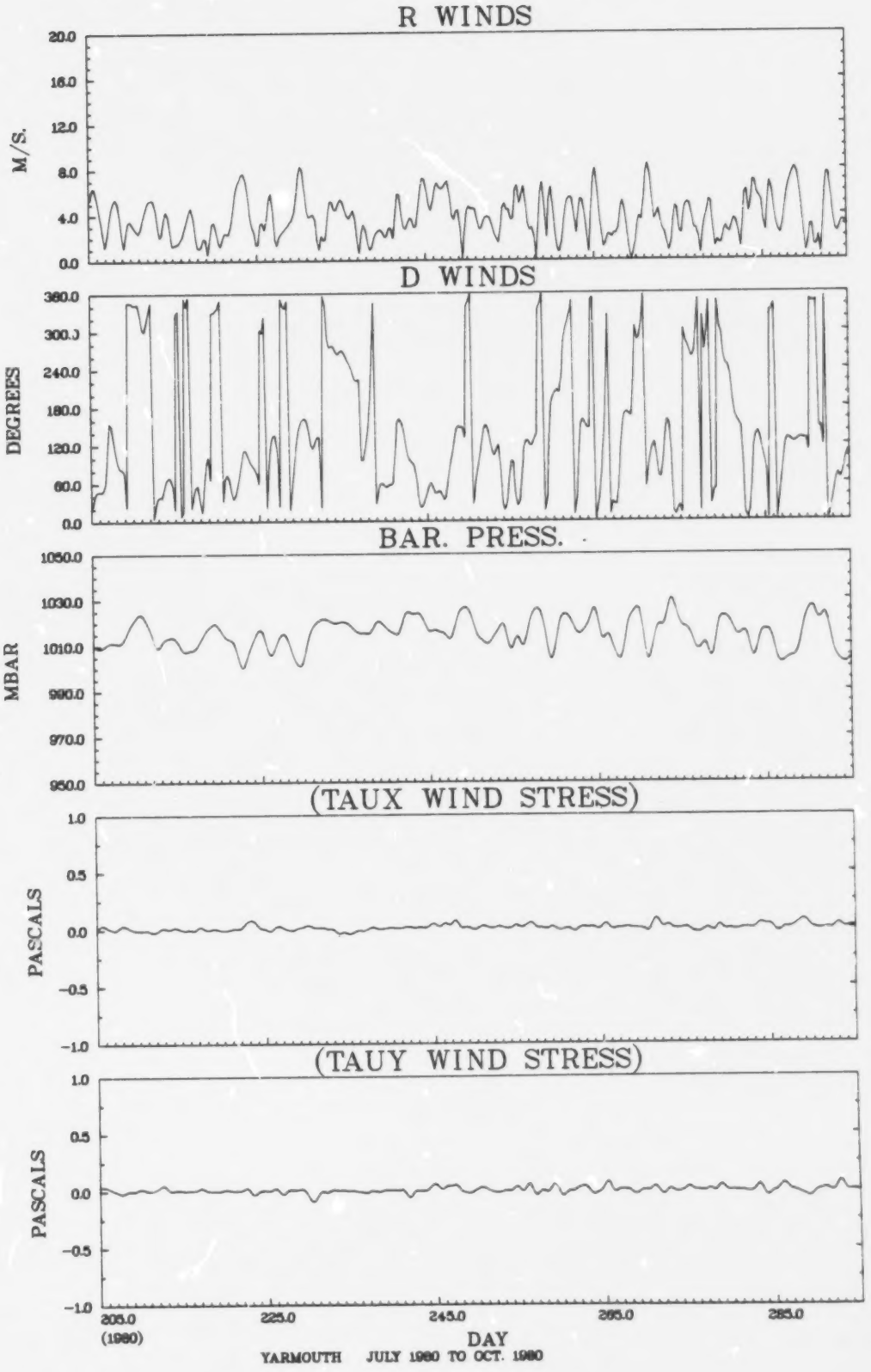

R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
120.0
(1979)
140.0
160.0
180.0
200.0
DAY
YARMOUTH APR. 1979 TO JULY 1979

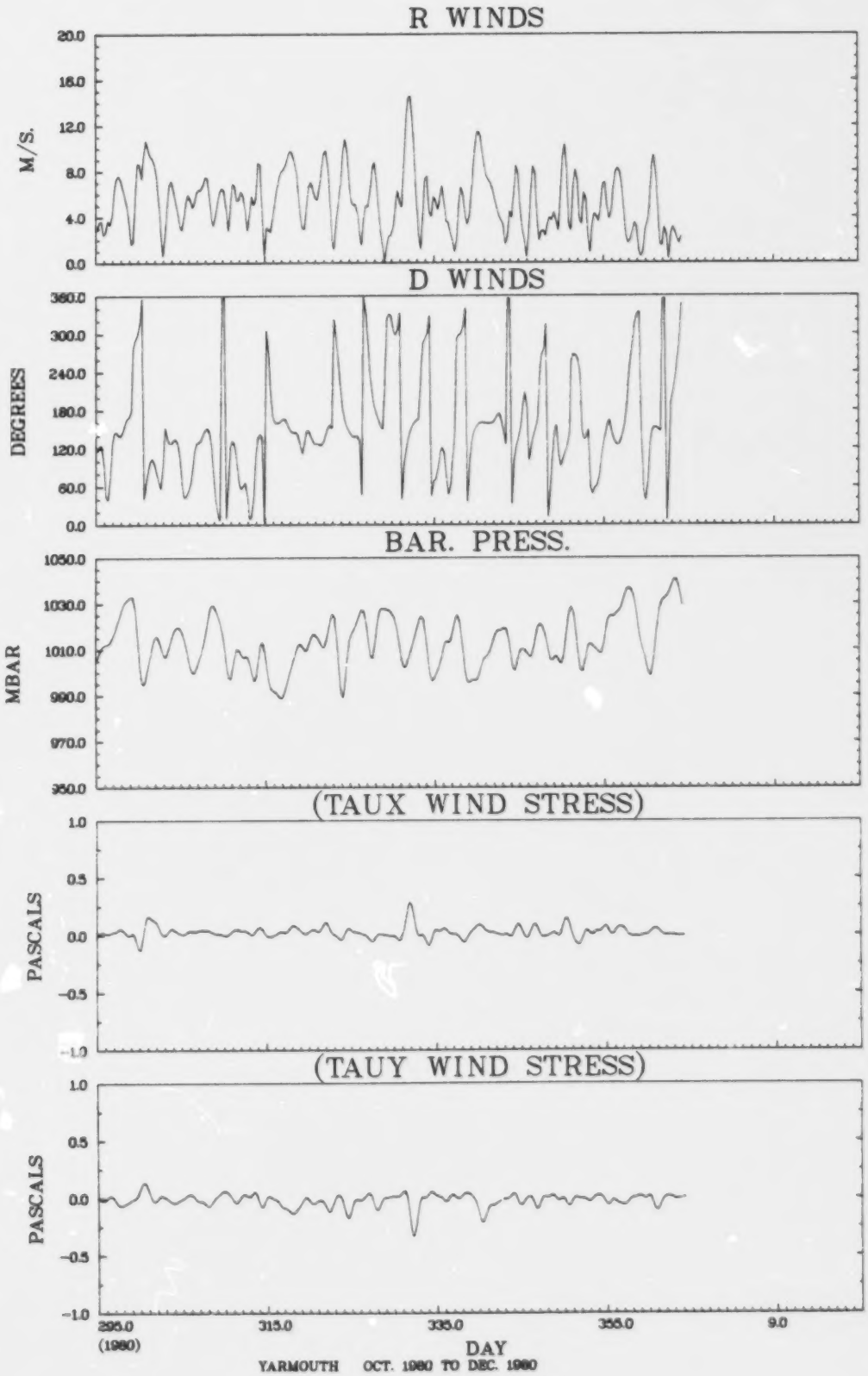

R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
210.0
(1979)
230.0
250.0
270.0
290.0
DAY
YARMOUTH JULY 1979 TO OCT. 1979

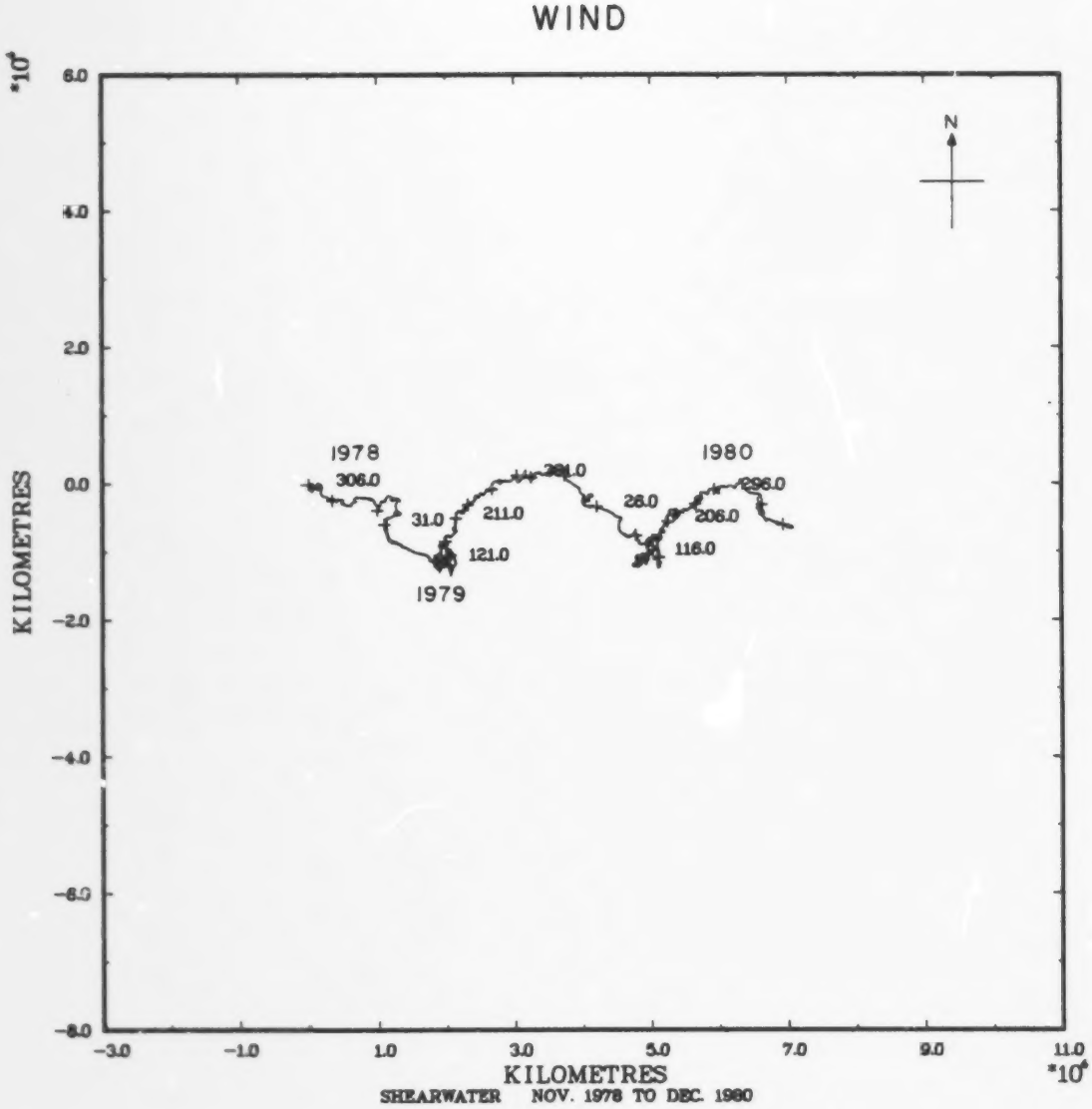

R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
300.0
(1979)
320.0
340.0
360.0
15.0
DAY
YARMOUTH OCT. 1979 TO JAN. 1980

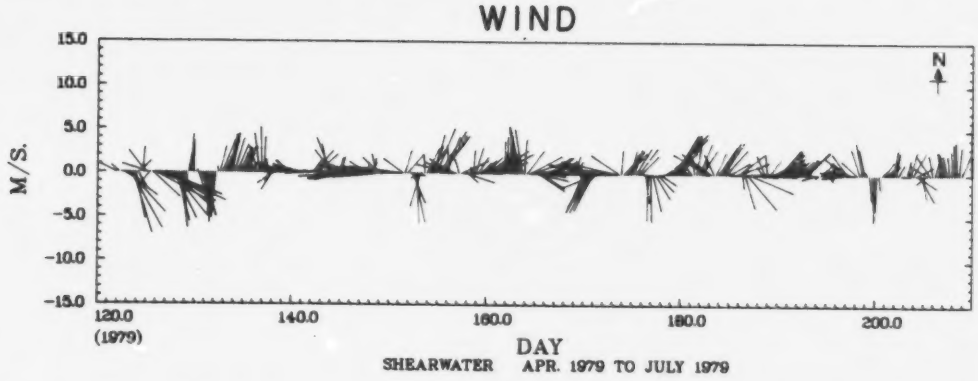

R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
25.0
(1980)
45.0
65.0
85.0
105.0
DAY
YARMOUTH JAN. 1980 TO APR. 1980


R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
115.0
(1980)
135.0
155.0
175.0
195.0
DAY
YARMOUTH APR. 1980 TO JULY 1980

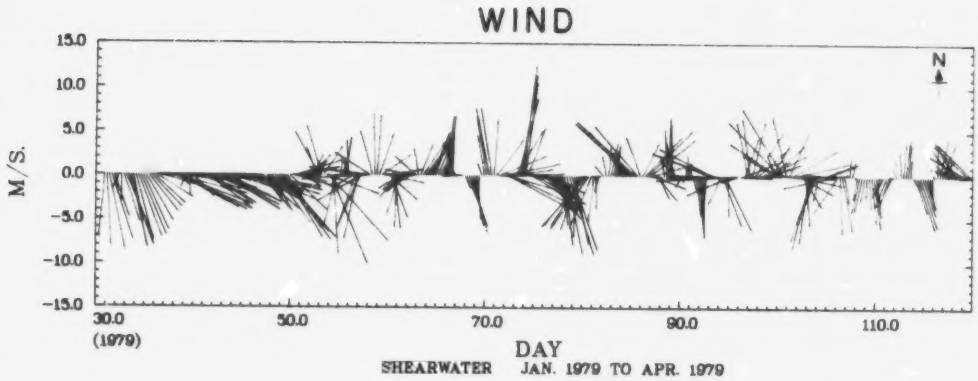

R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
205.0
(1980)
225.0
245.0
265.0
285.0
DAY
YARMOUTH JULY 1980 TO OCT. 1980


R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
295.0
(1980)
315.0
335.0
355.0
9.0
DAY
YARMOUTH OCT. 1980 TO DEC. 1980

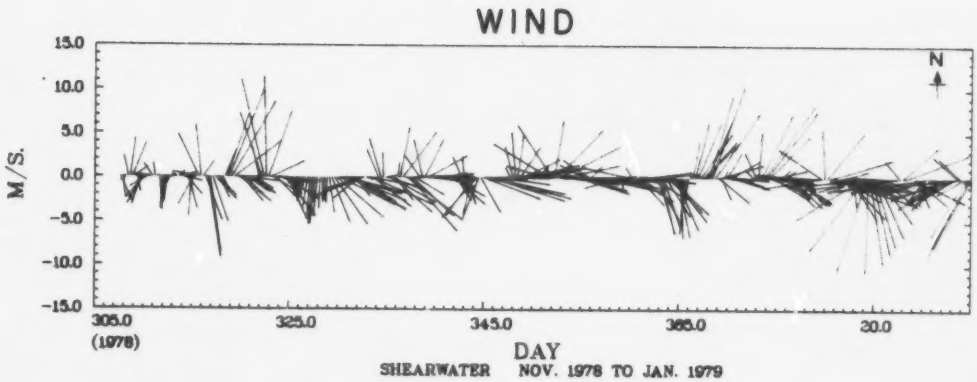

WIND
*10⁴
6.0
4.0
2.0
0.0
-2.0
-4.0
-6.0
-8.0
KILOMETRES
N
1978
306.0
31.0
211.0
121.0
1979
1980
26.0
206.0
116.0
-3.0
-1.0
1.0
3.0
5.0
7.0
9.0
11.0
KILOMETRES
*10⁴
SHEARWATER NOV. 1978 TO DEC. 1980



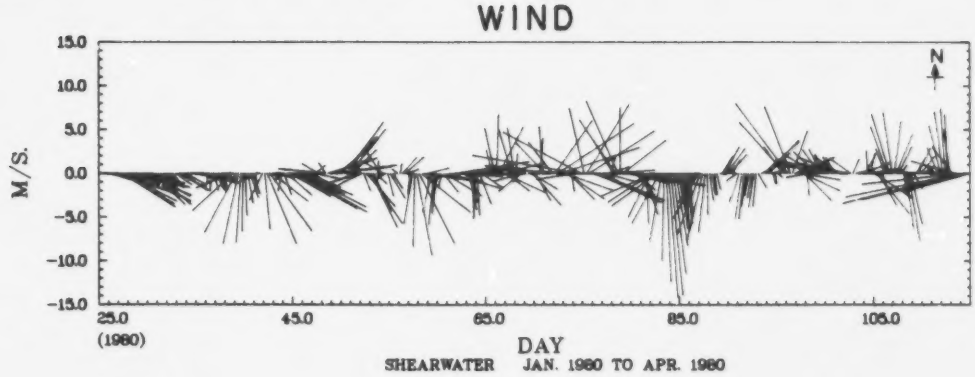
SHEARWATER APR. 1979 TO JULY 1979

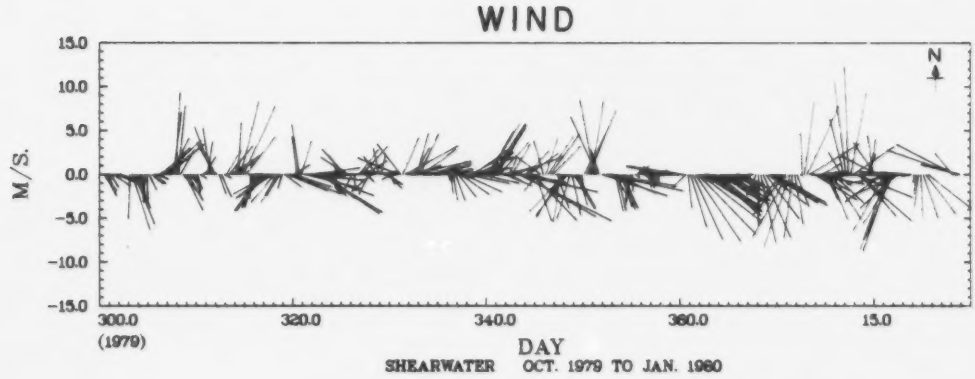


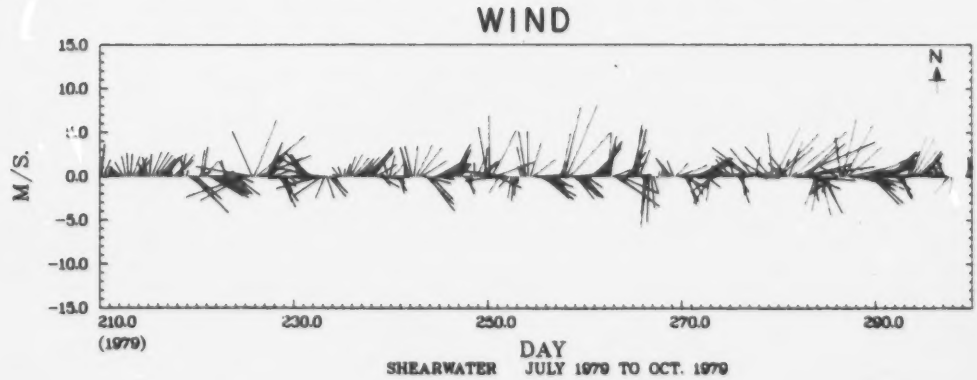
SHEARWATER JAN. 1979 TO APR. 1979

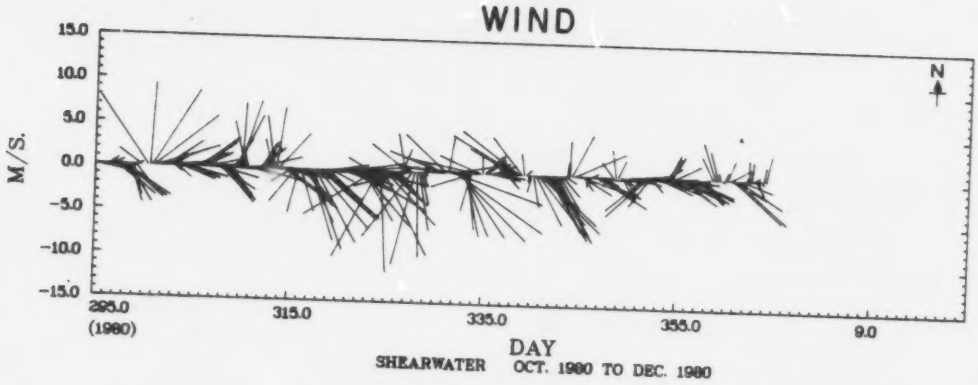


SHEARWATER NOV. 1978 TO JAN. 1979

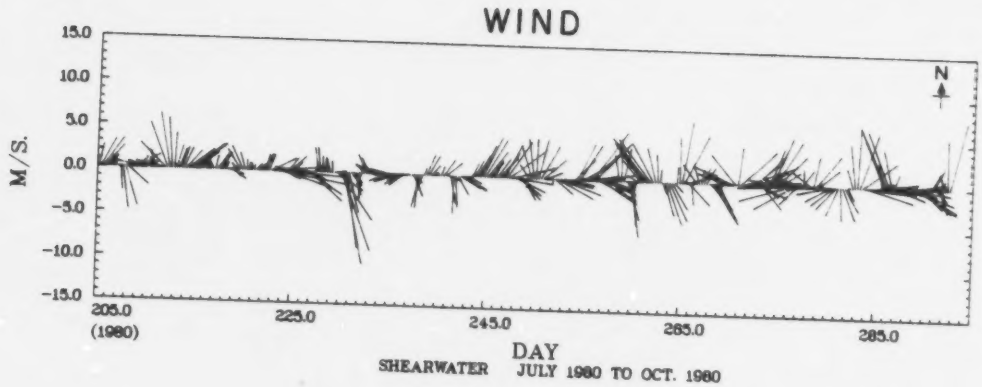

WIND
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
M/S.
N
25.0
45.0
65.0
85.0
105.0
(1980)
DAY
SHEARWATER JAN. 1980 TO APR. 1980


WIND
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
M/S.
N
300.0
320.0
340.0
360.0
15.0
(1979)
DAY
SHEARWATER OCT. 1979 TO JAN. 1980

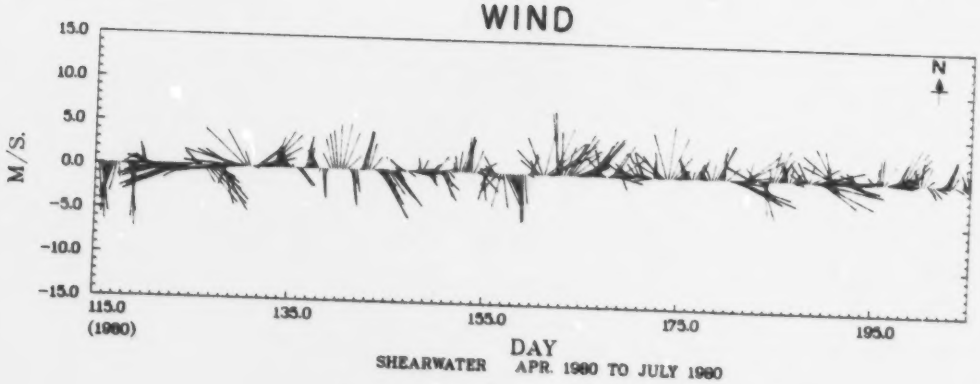

WIND
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
M/S.
N
210.0
230.0
250.0
270.0
290.0
(1979)
DAY
SHEARWATER JULY 1979 TO OCT. 1979



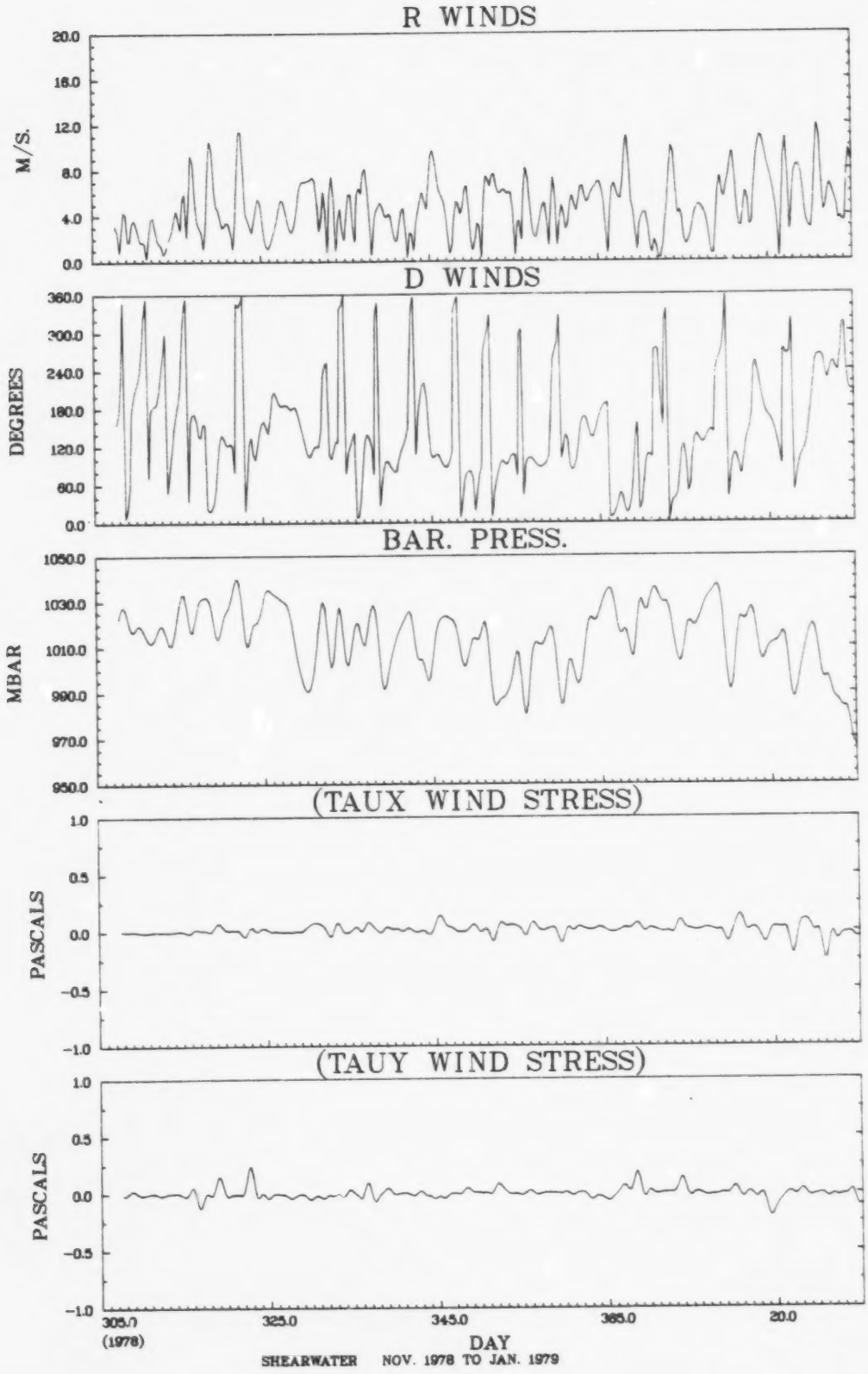
SHEARWATER OCT. 1980 TO DEC. 1980

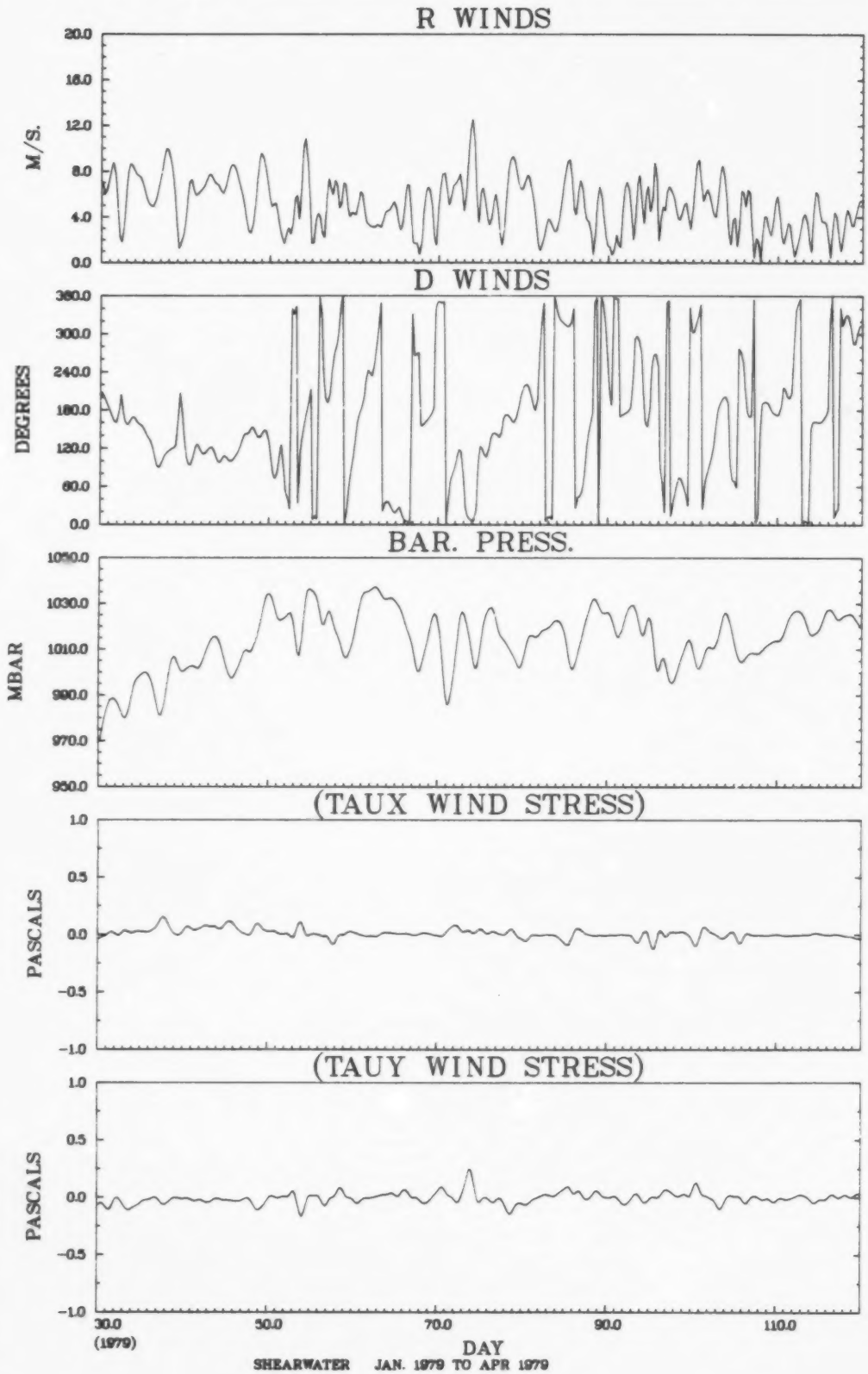


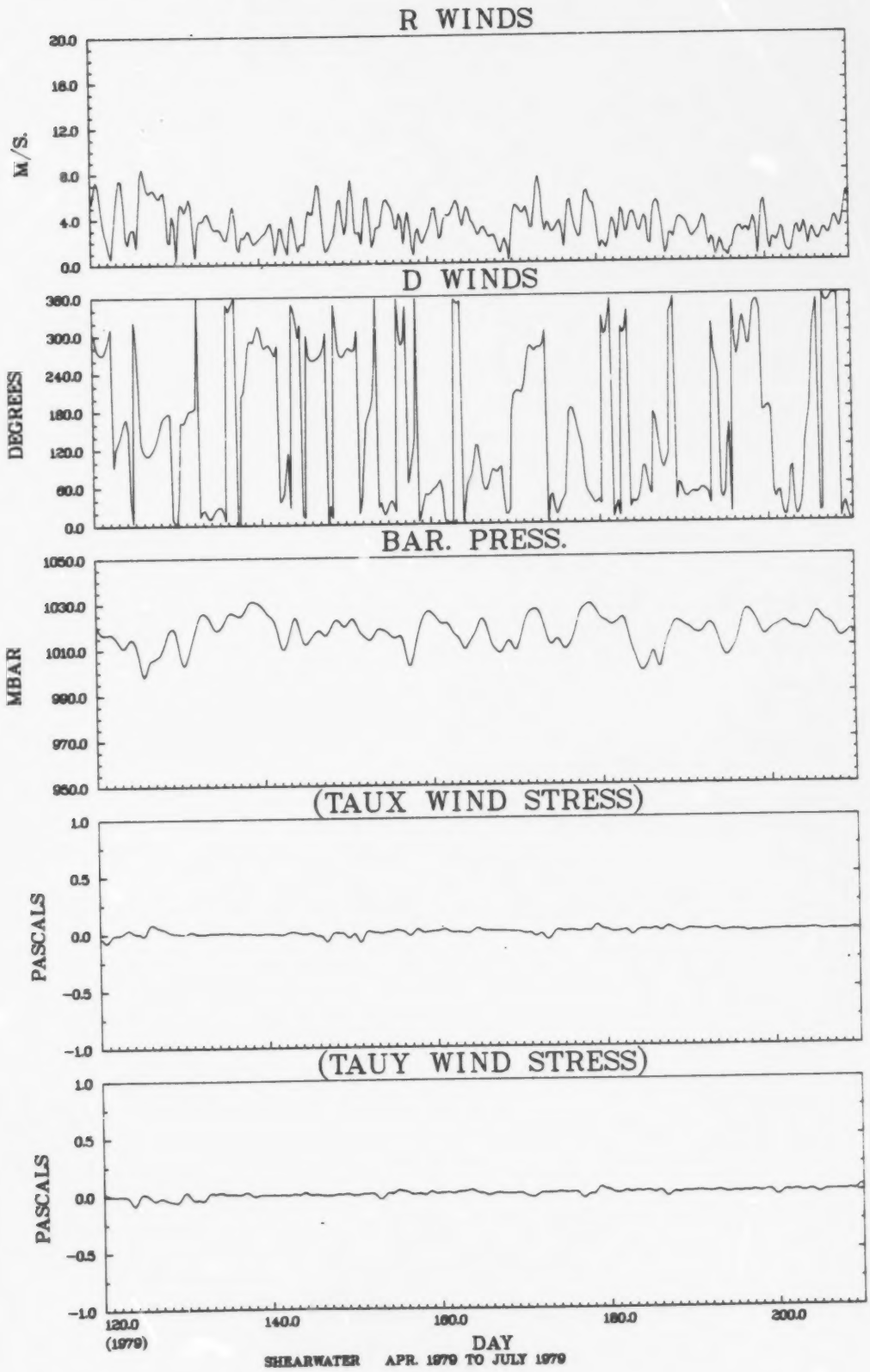
SHEARWATER JULY 1980 TO OCT. 1980

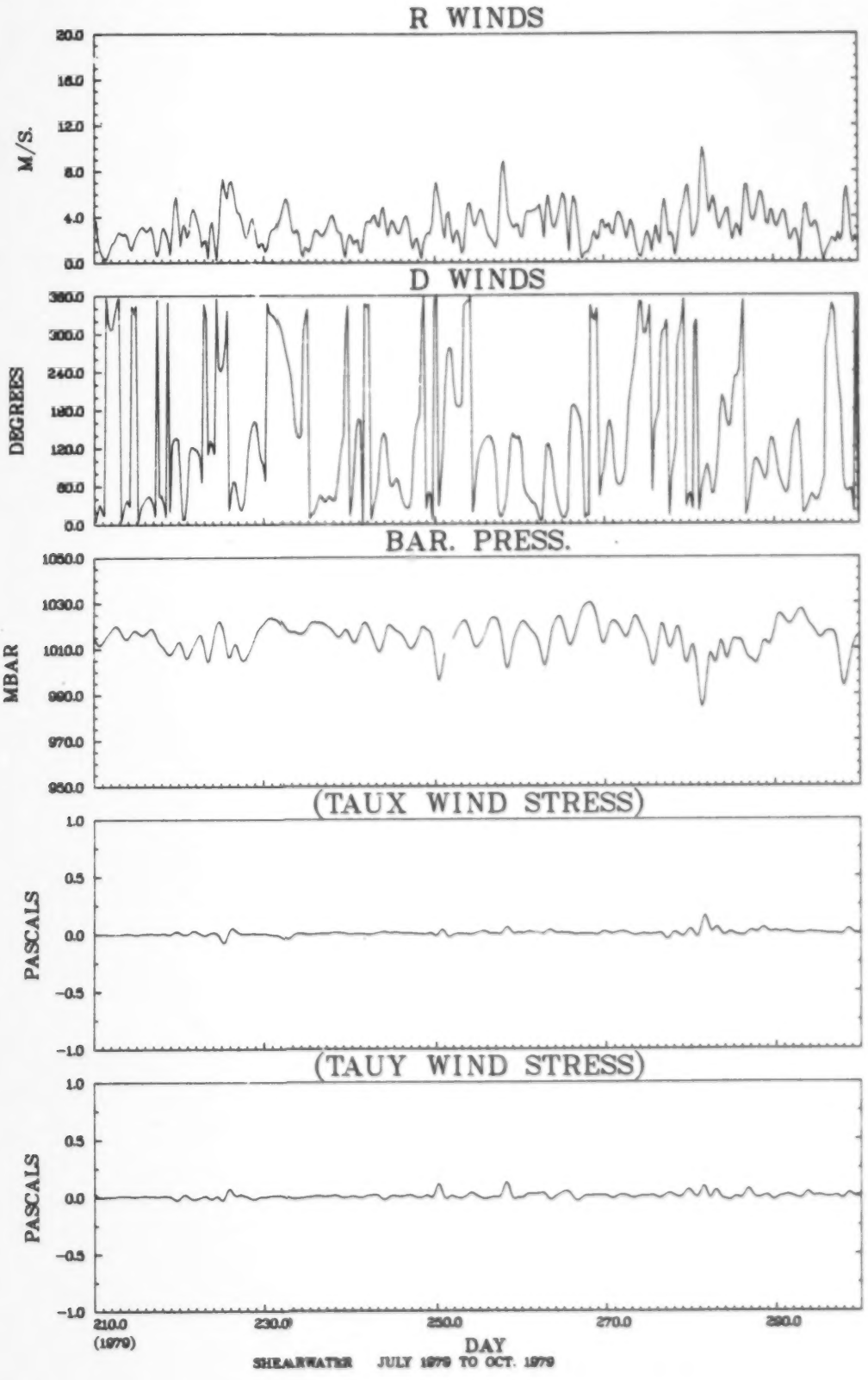


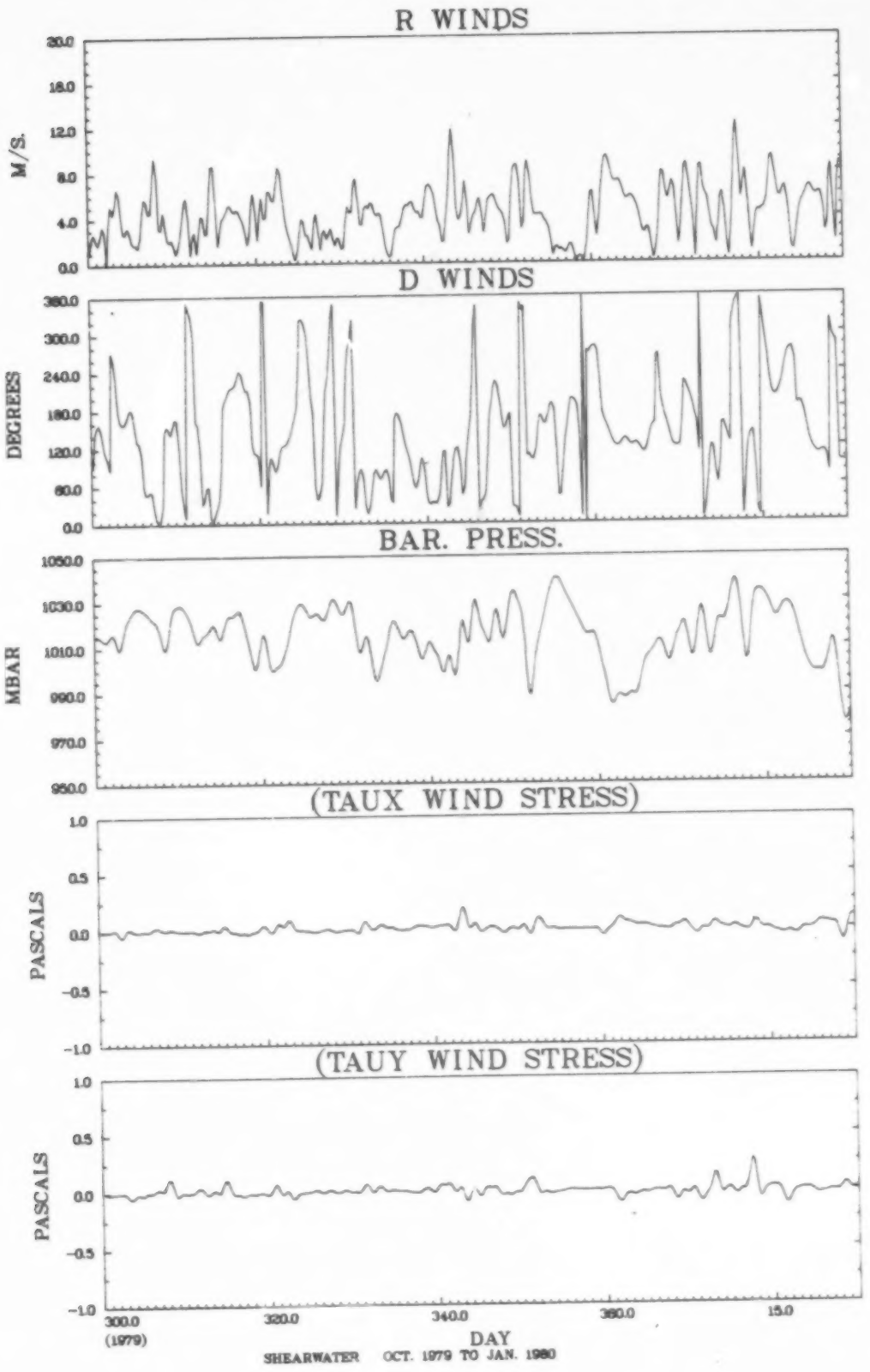
SHEARWATER APR. 1980 TO JULY 1980

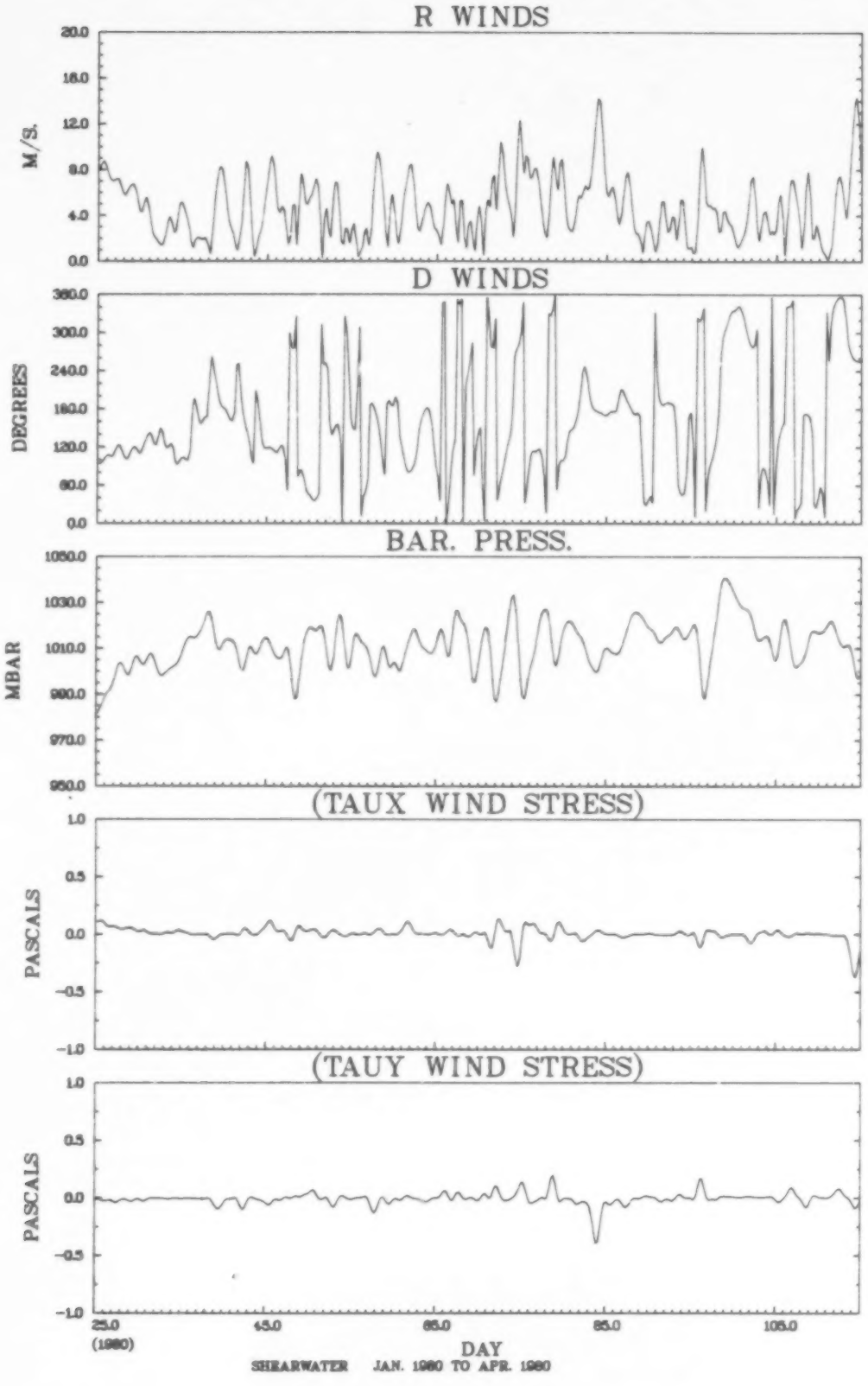

R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
305.0
(1978)
325.0
345.0
365.0
20.0
DAY
SHEARWATER NOV. 1978 TO JAN. 1979

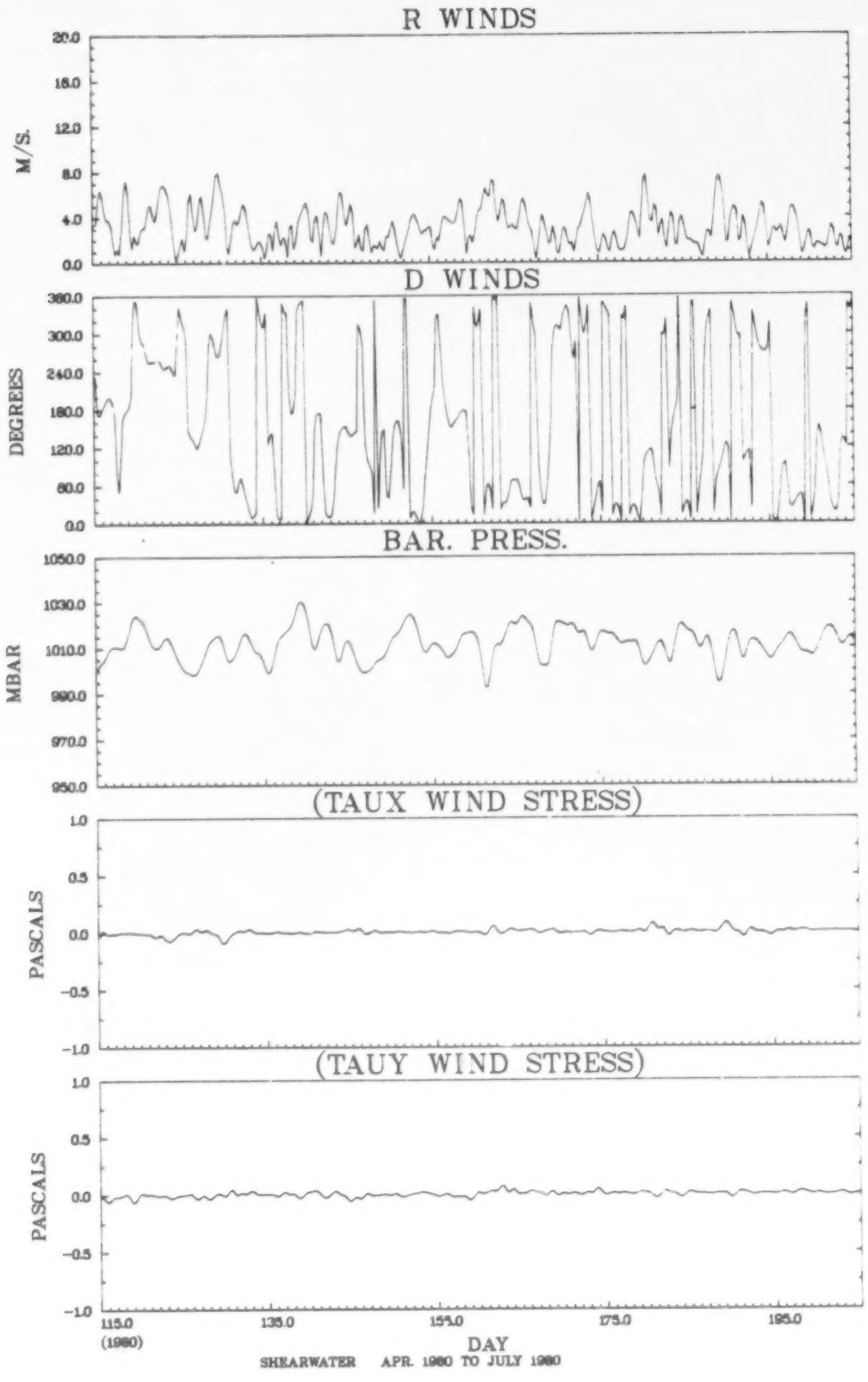

R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
30.0
(1979)
50.0
70.0
90.0
110.0
DAY
SHEARWATER JAN. 1979 TO APR 1979


R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
120.0
(1979)
140.0
160.0
180.0
200.0
DAY
SHEARWATER APR. 1979 TO JULY 1979


R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
210.0
(1979)
230.0
250.0
270.0
290.0
DAY
SHEARWATER JULY 1979 TO OCT. 1979


R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
300.0
(1979)
320.0
340.0
360.0
15.0
DAY
SHEARWATER OCT. 1979 TO JAN. 1980


R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
25.0
(1980)
45.0
65.0
85.0
105.0
DAY
SHEARWATER JAN. 1980 TO APR. 1980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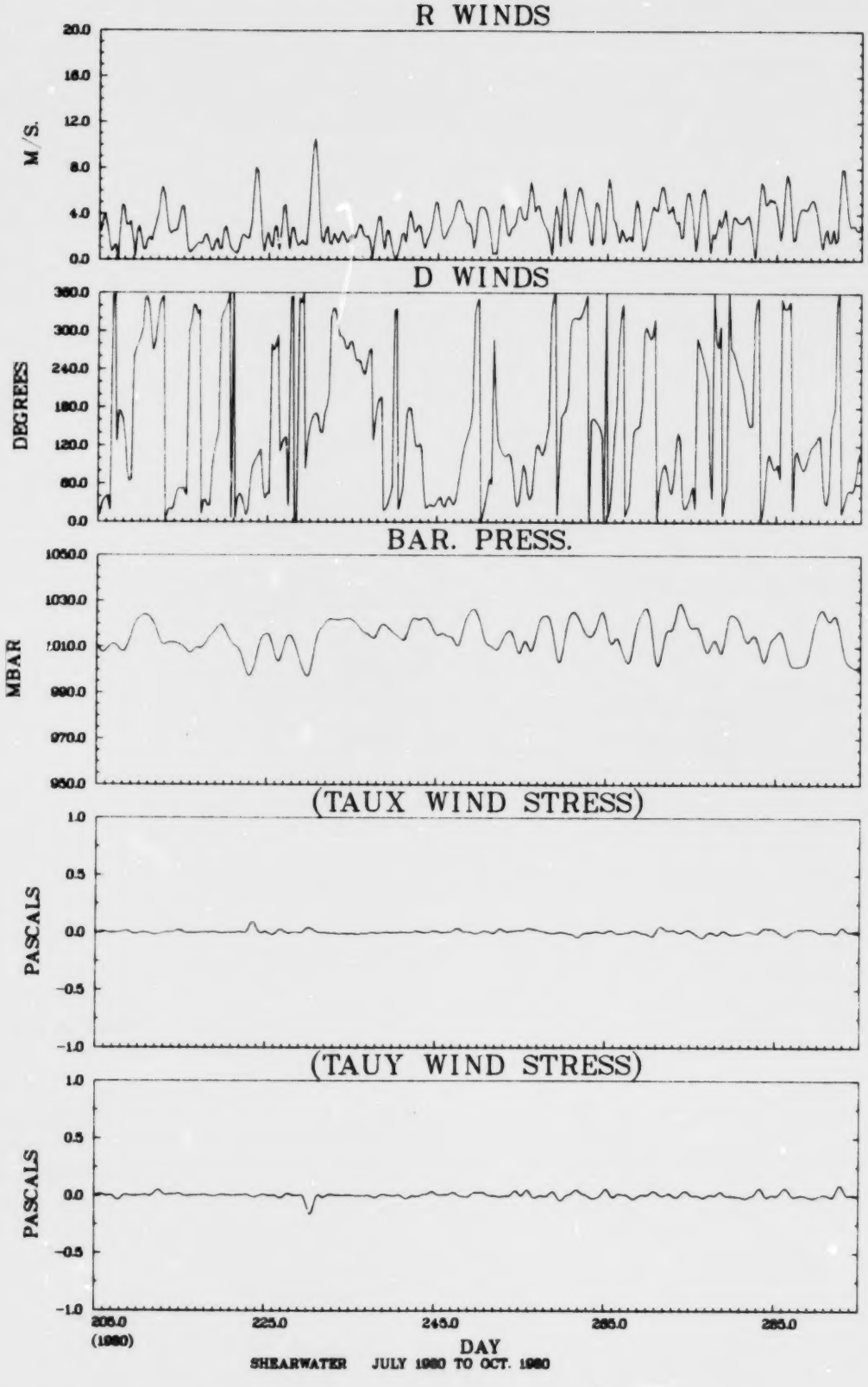
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
115.0
(1980)
135.0
155.0
175.0
195.0
DAY
SHEARWATER APR. 1980 TO JULY 1980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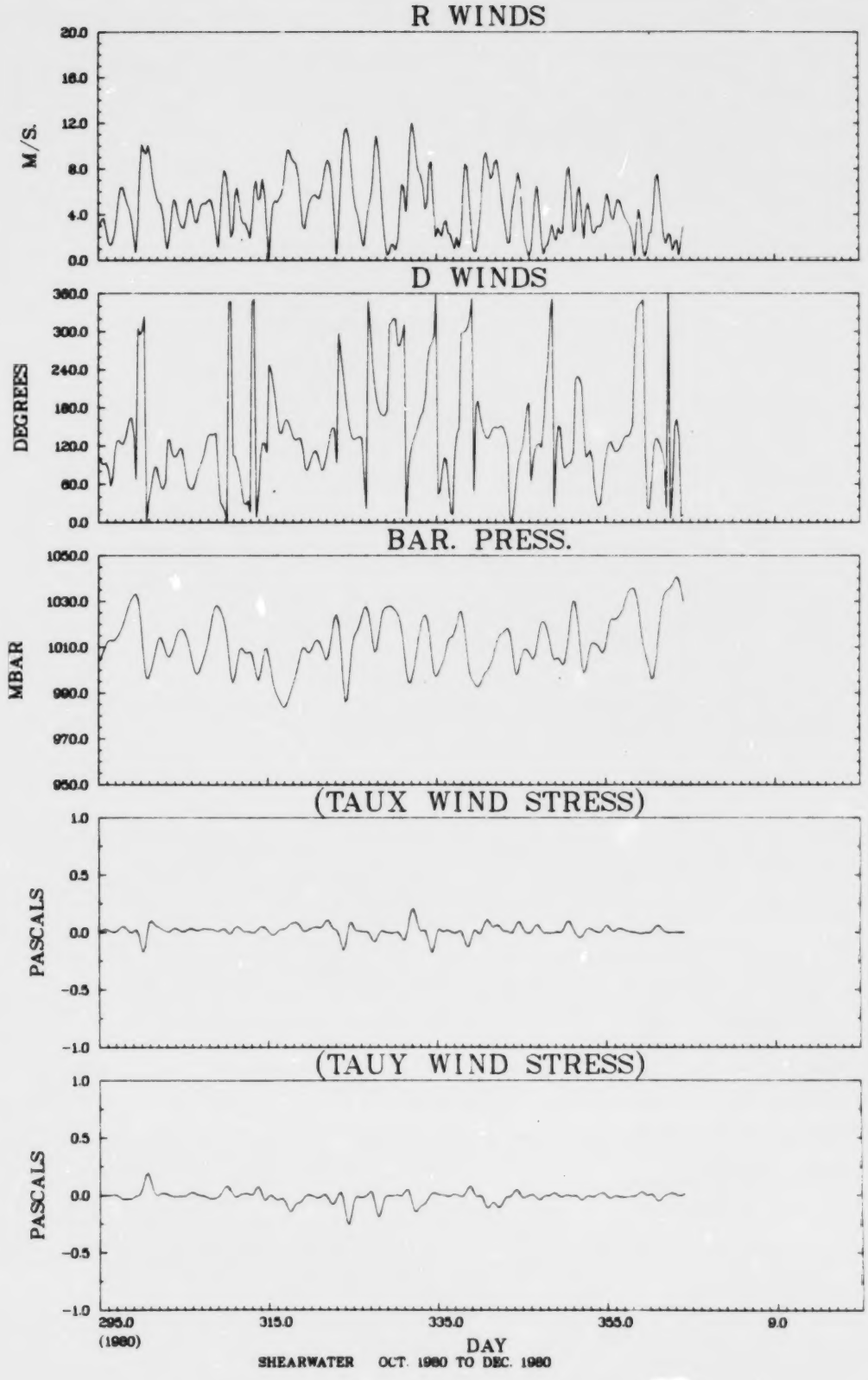
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
205.0
(1980)
225.0
245.0
265.0
285.0
DAY
SHEARWATER JULY 1980 TO OCT. 1980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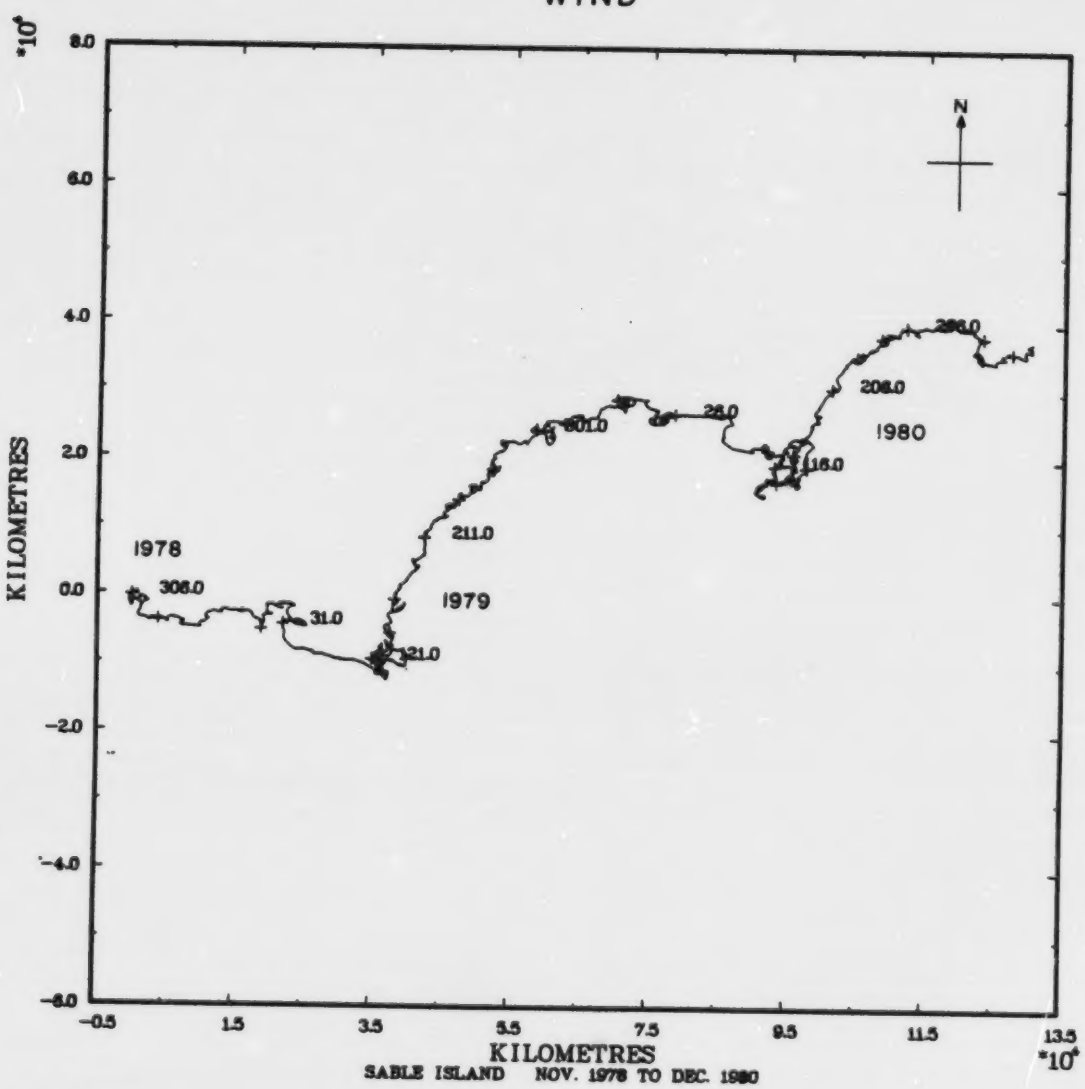
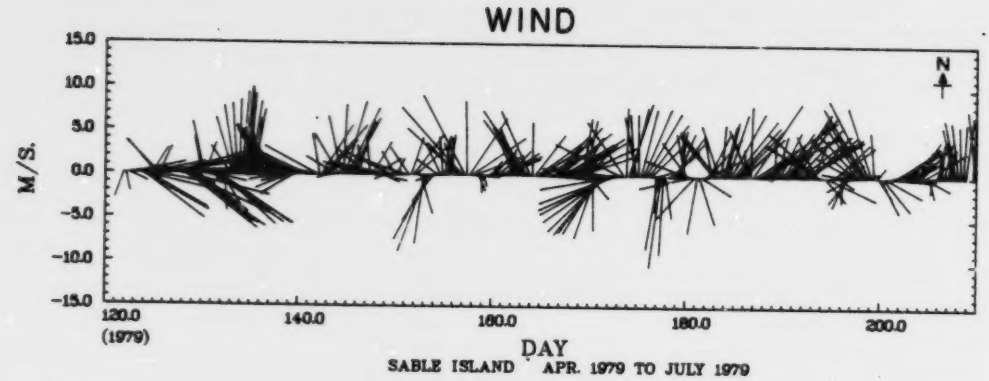
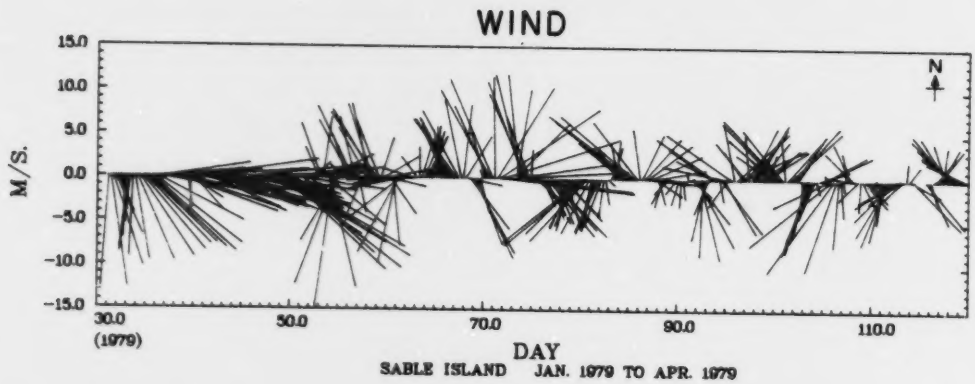
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
295.0
(1980)
315.0
335.0
355.0
9.0
DAY
SHEARWATER OCT. 1980 TO DEC. 1980



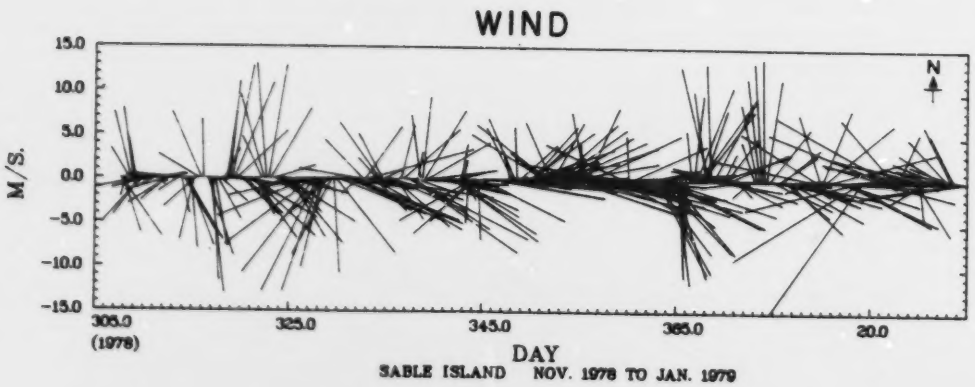
SABLE ISLAND NOV. 1978 TO DEC. 1980



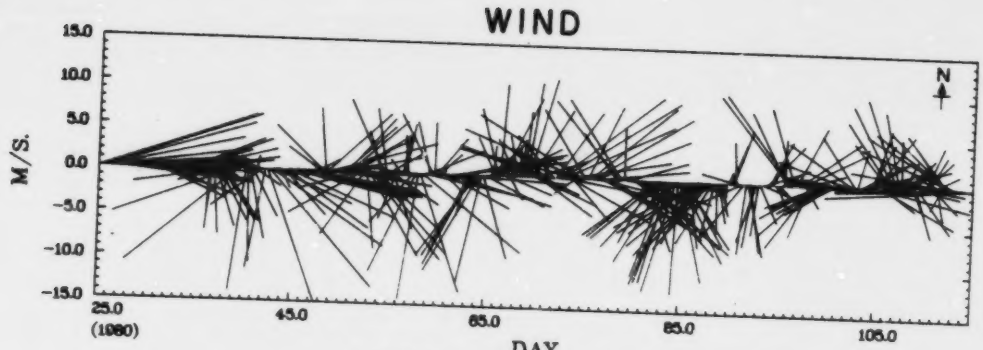
SABLE ISLAND APR. 1979 TO JULY 1979



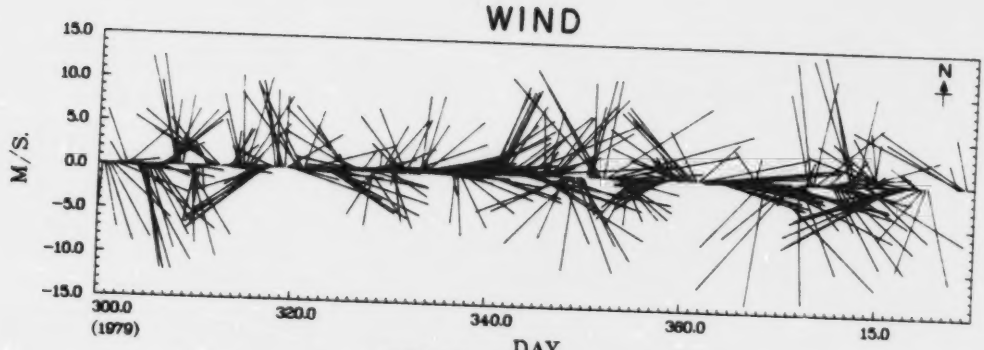
SABLE ISLAND JAN. 1979 TO APR. 1979



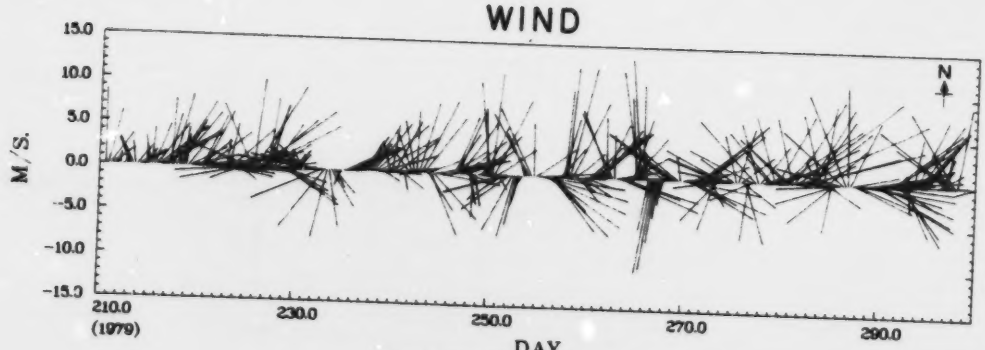
SABLE ISLAND NOV. 1978 TO JAN. 1979



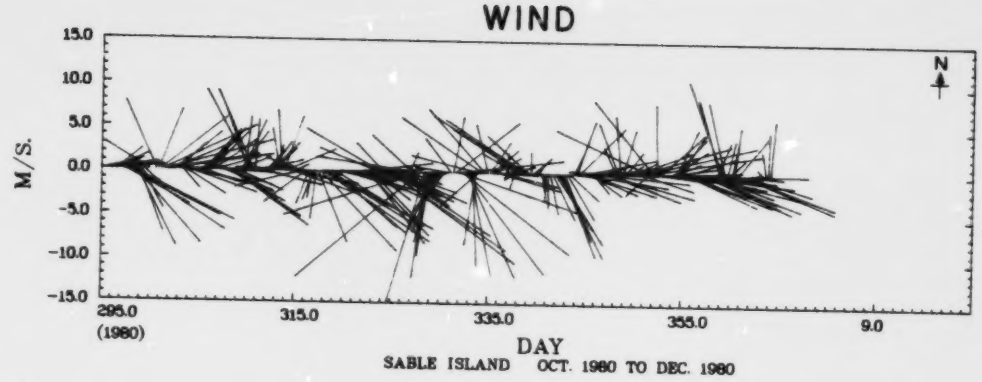
SABLE ISLAND JAN. 1980 TO APR. 1980



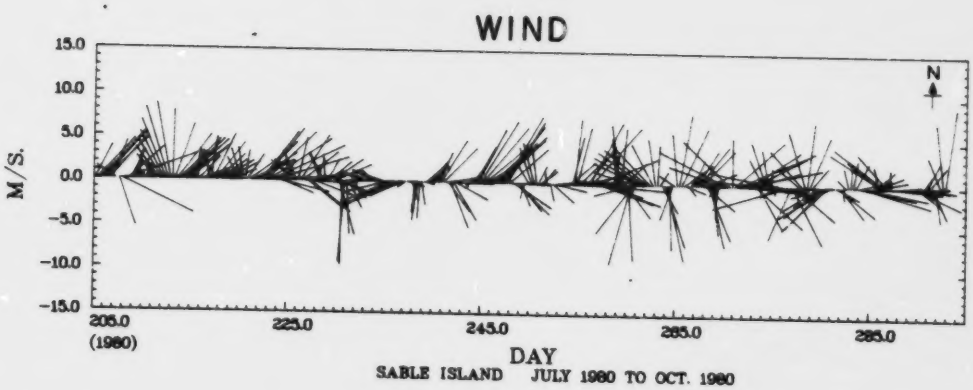
SABLE ISLAND OCT. 1979 TO JAN. 1980



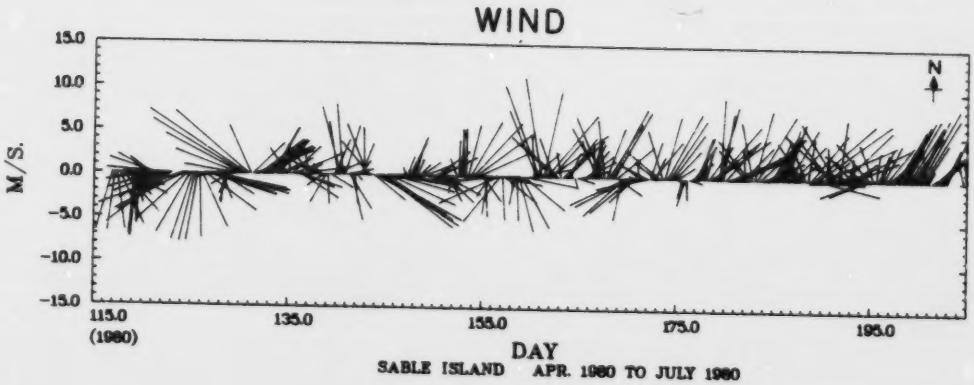
SABLE ISLAND JULY 1979 TO OCT. 1979



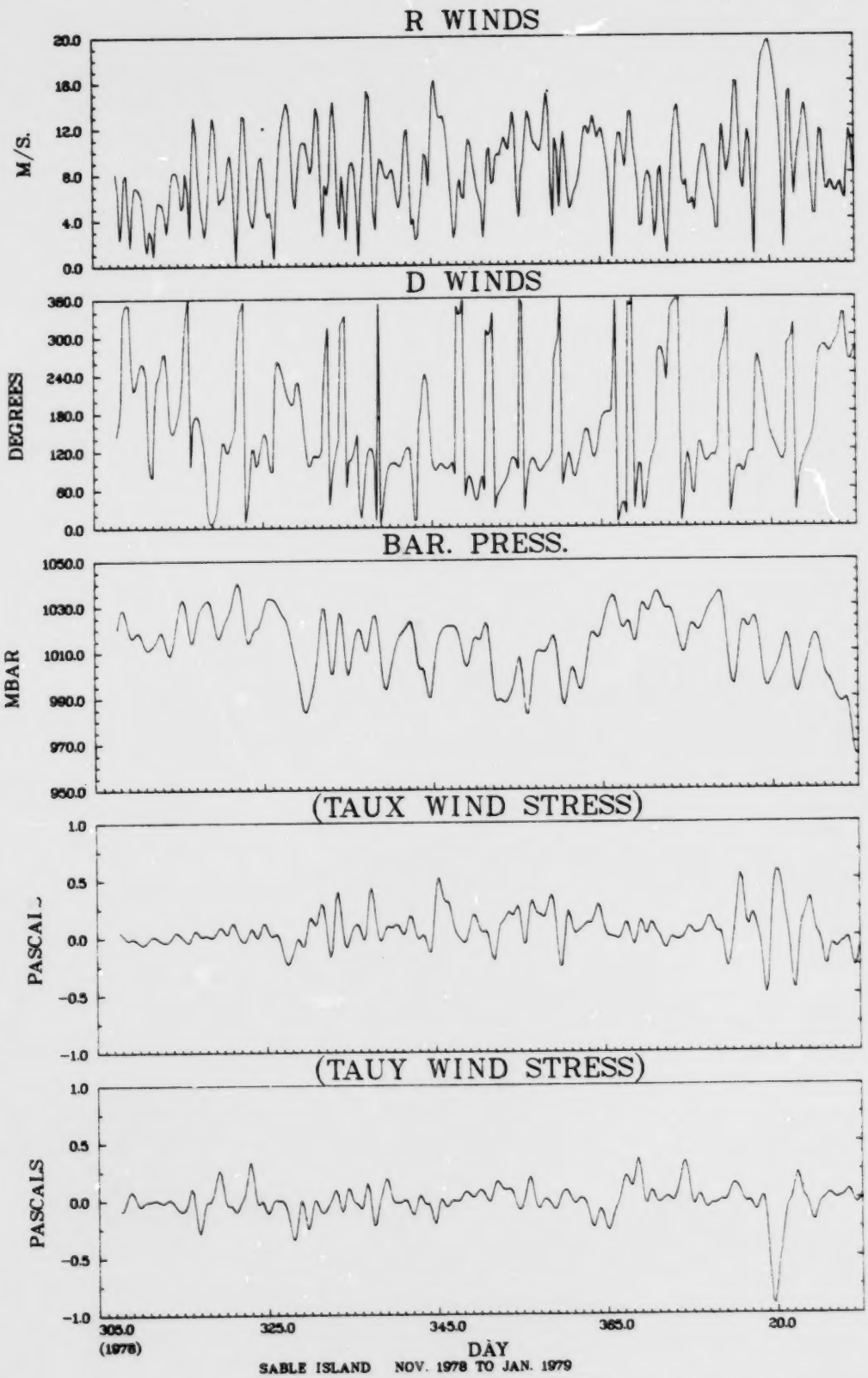
SABLE ISLAND OCT. 1980 TO DEC. 1980

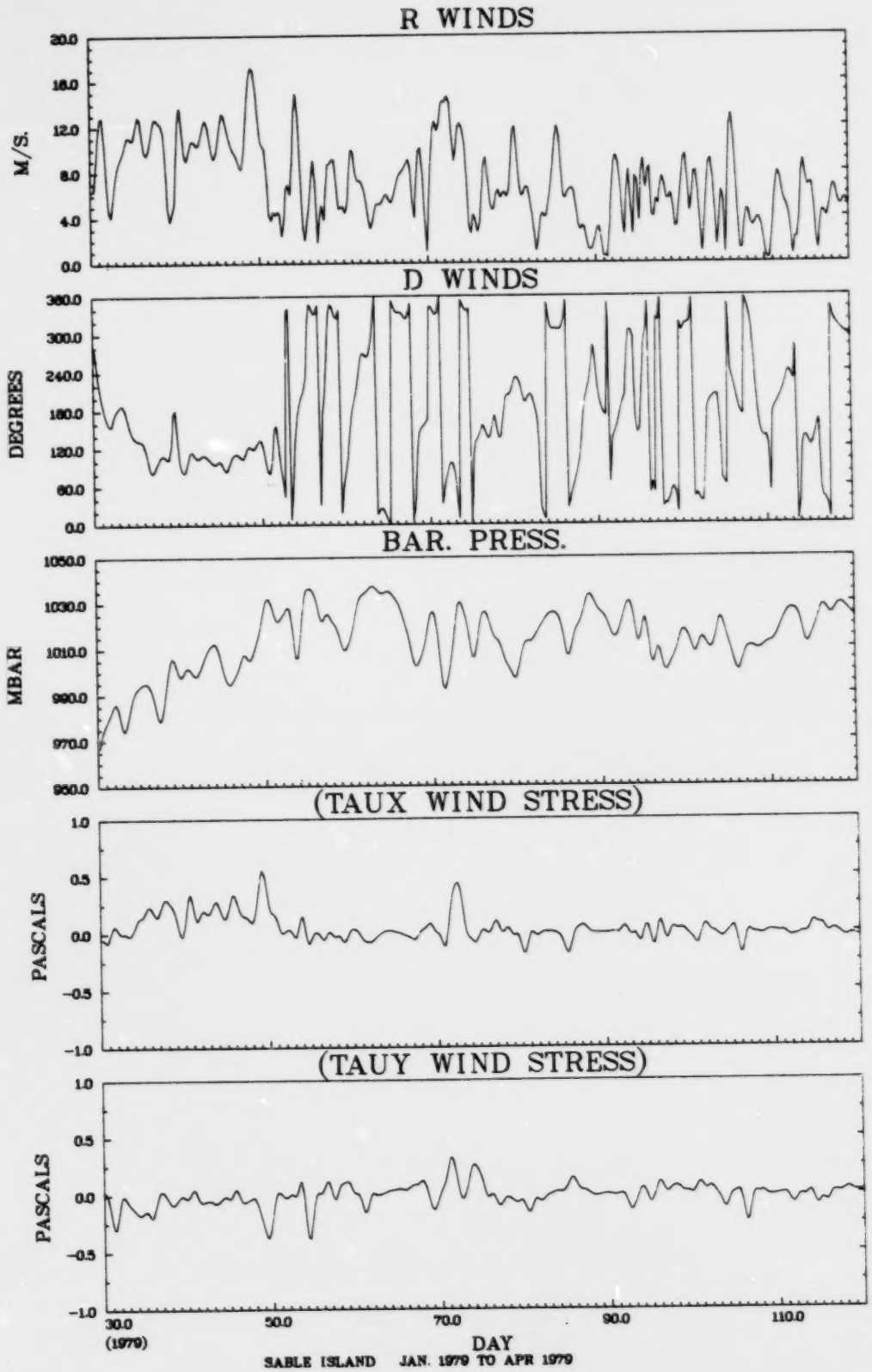


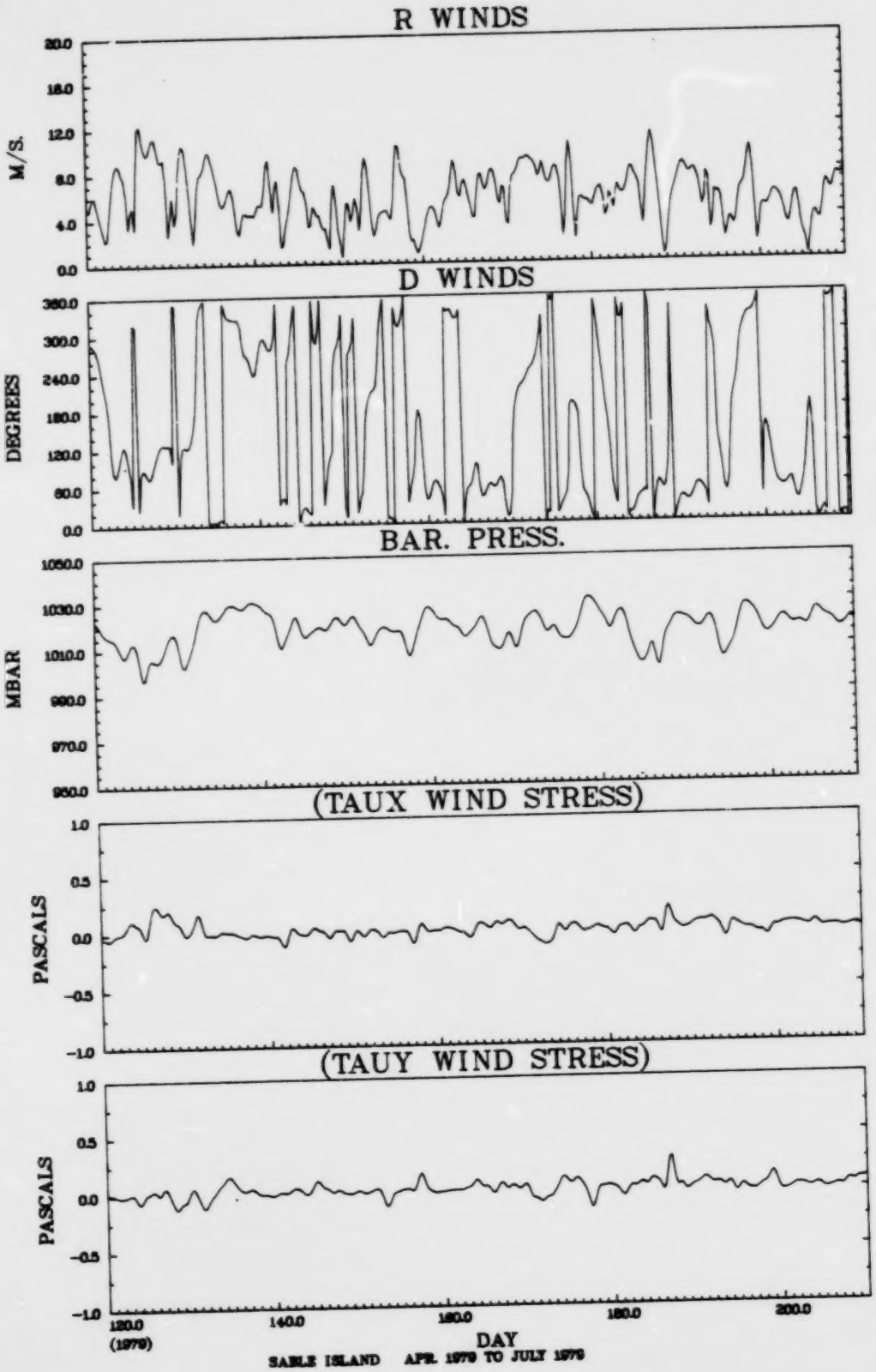
SABLE ISLAND JULY 1980 TO OCT. 1980

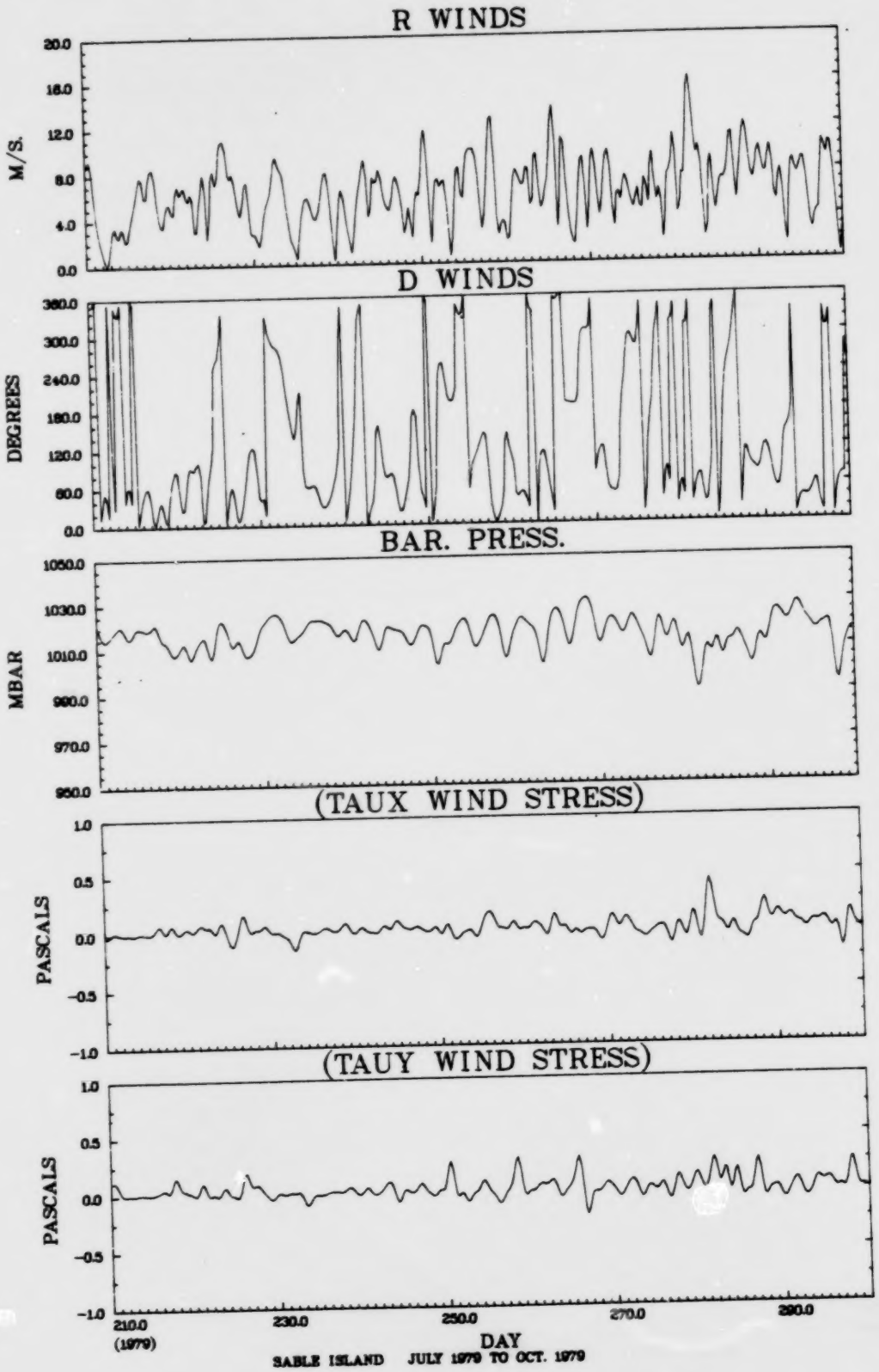


SABLE ISLAND APR. 1980 TO JULY 1980


R WINDS
M/S.
20.0
18.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
305.0
(1978)
325.0
345.0
365.0
20.0
DAY
SABLE ISLAND NOV. 1978 TO JAN. 1979


R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
30.0
(1979)
50.0
70.0
90.0
110.0
DAY
SABLE ISLAND JAN. 1979 TO APR 1979


R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
120.0
(1979)
140.0
160.0
180.0
200.0
DAY
SABLE ISLAND APR. 1979 TO JULY 1979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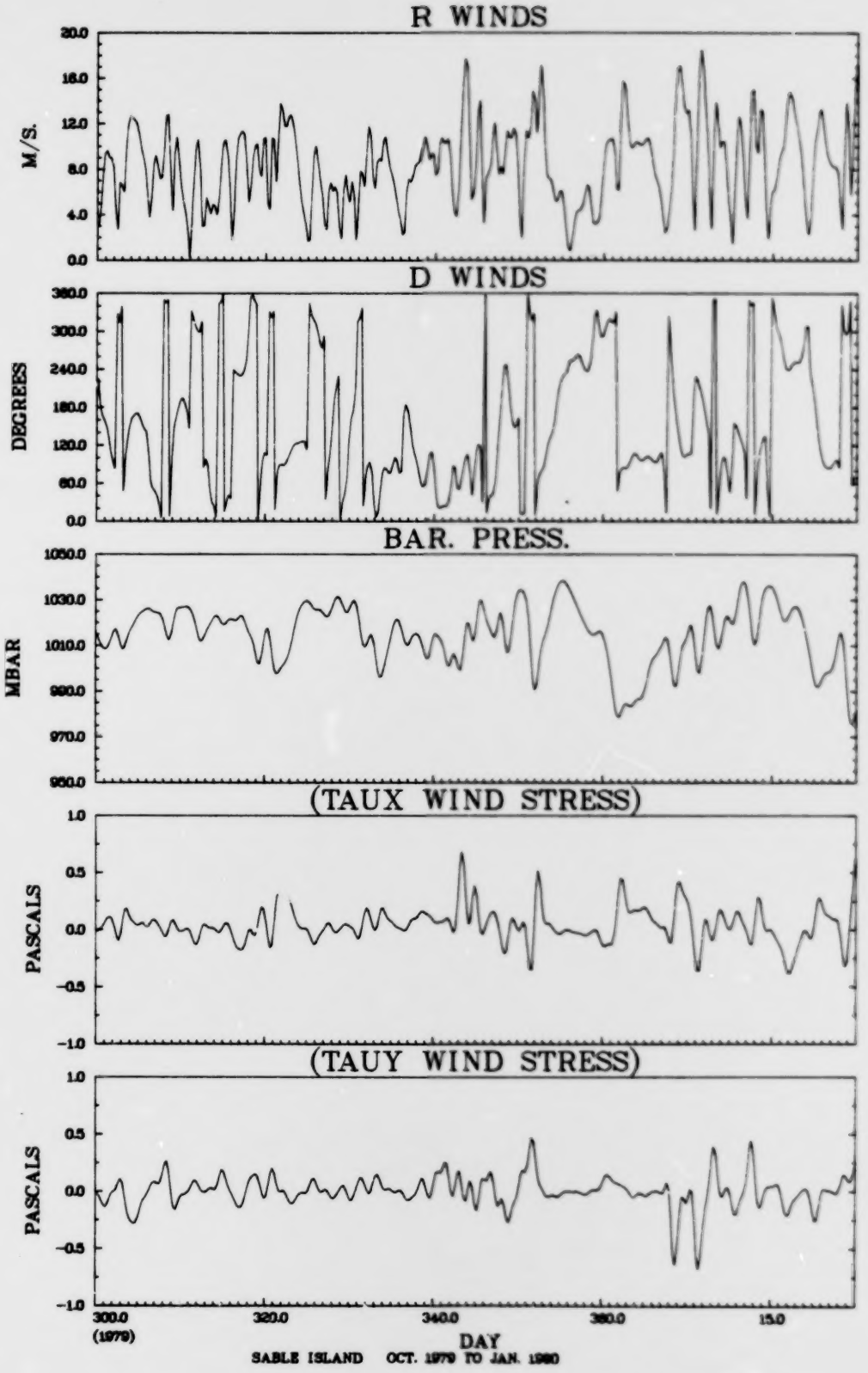
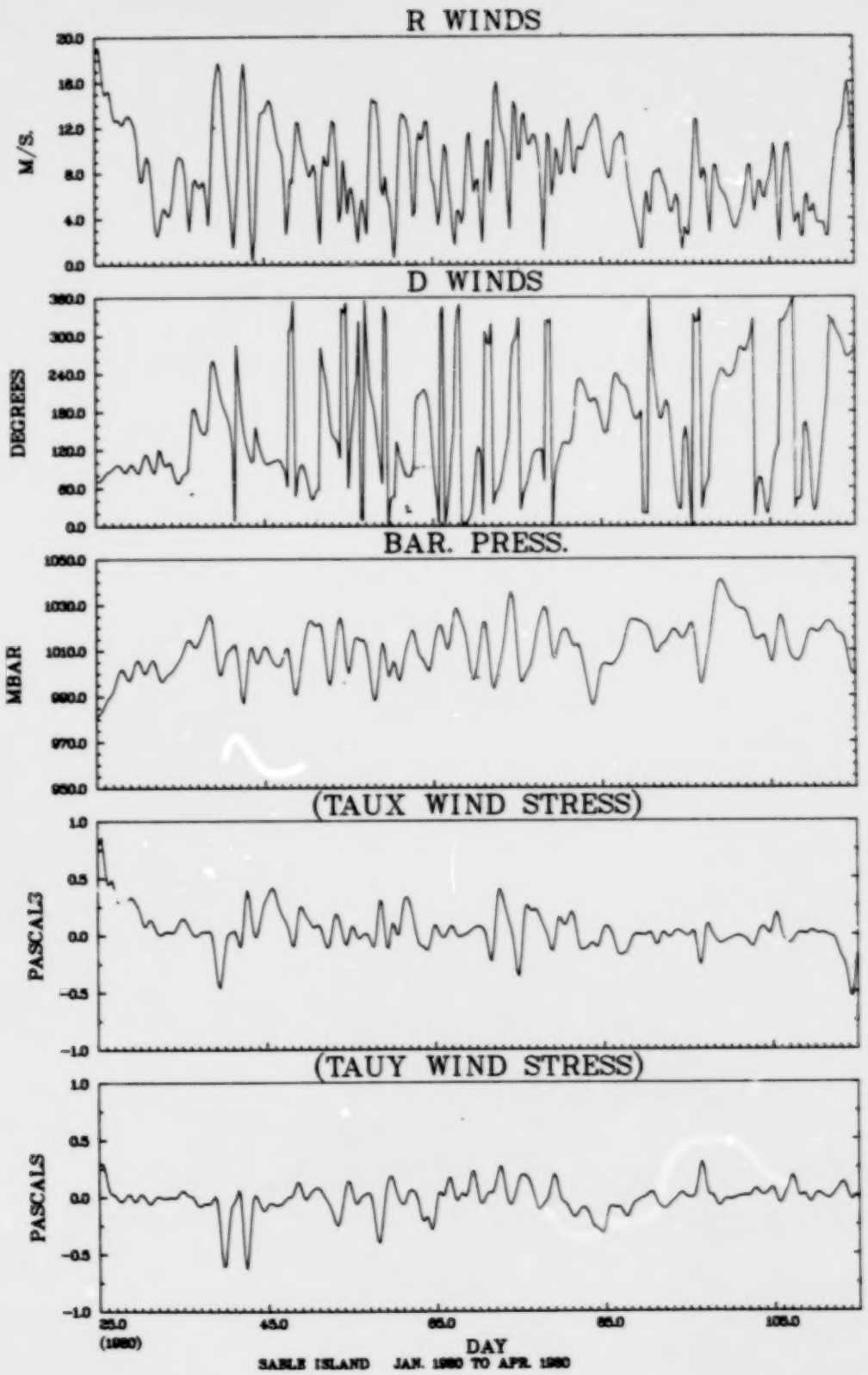
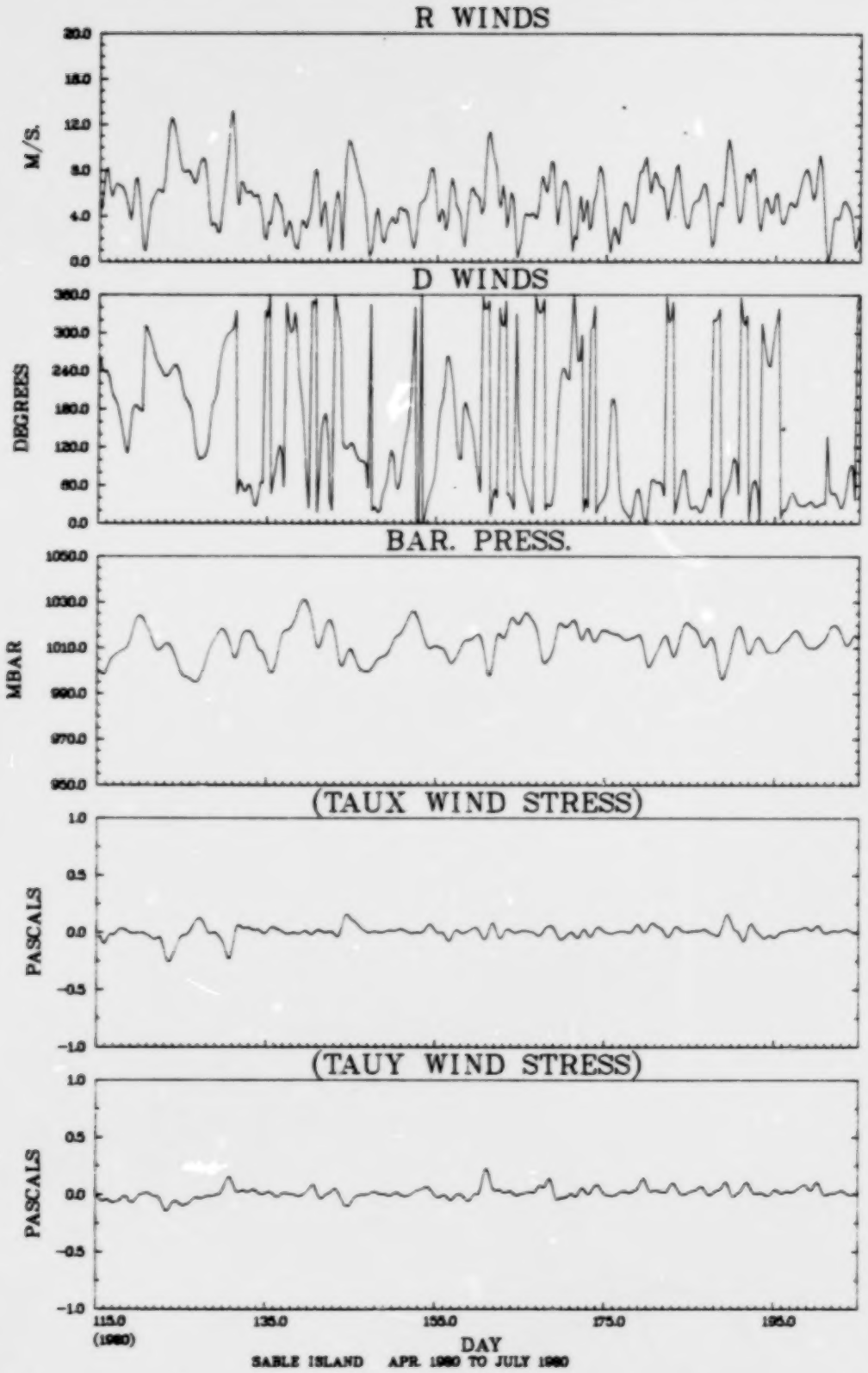
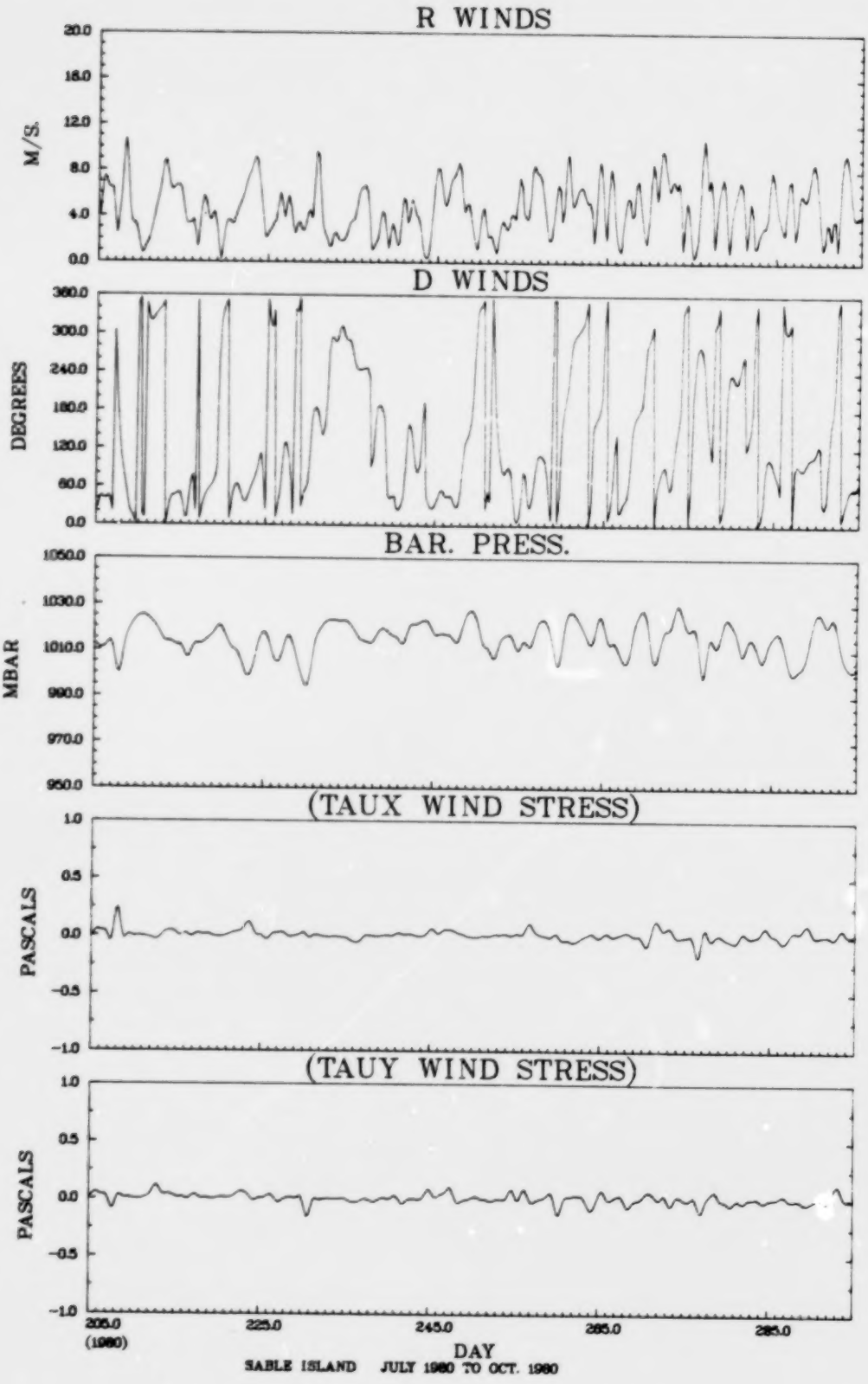
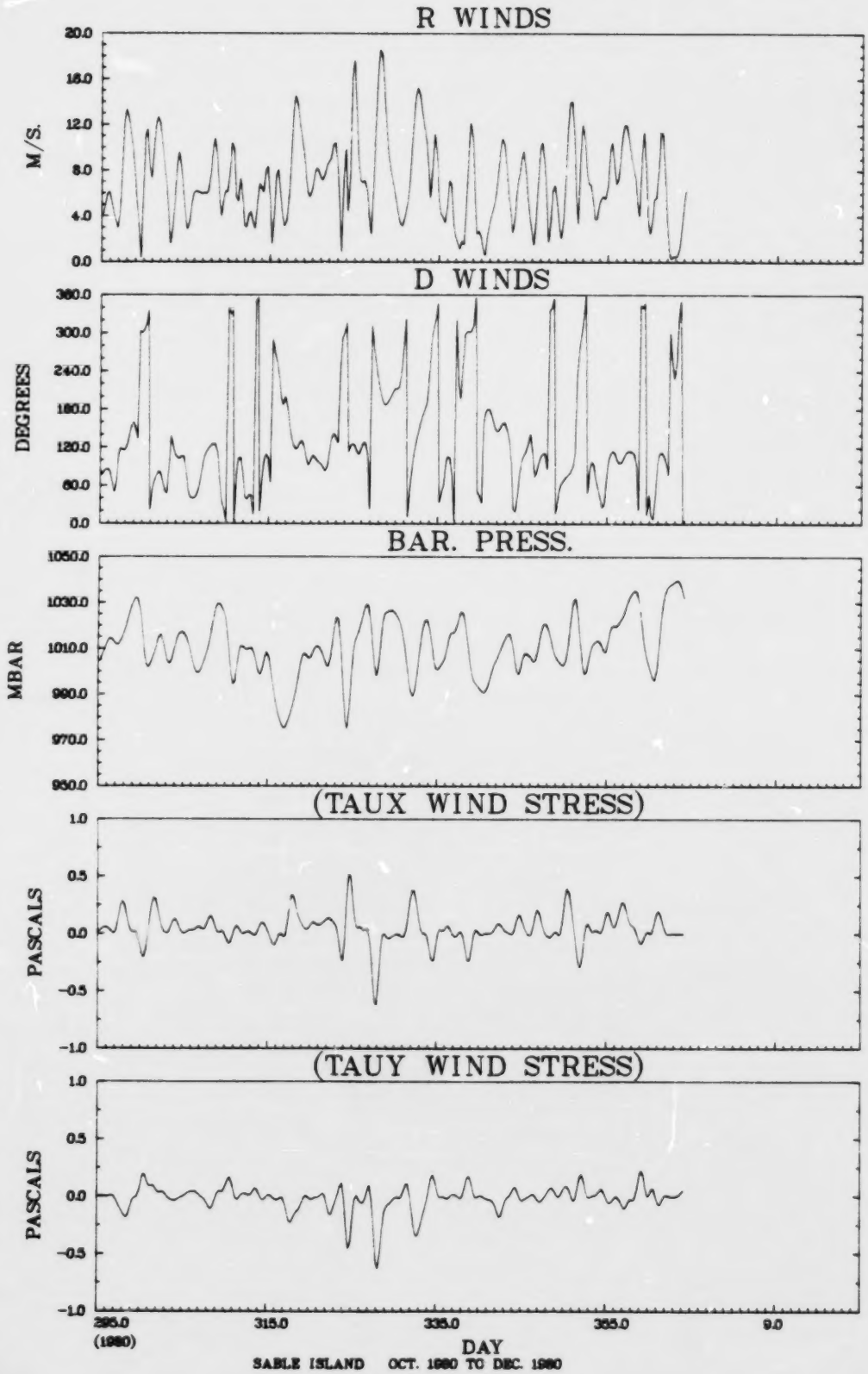
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
210.0
(1979)
230.0
250.0
270.0
290.0
DAY
SABLE ISLAND JULY 1979 TO OCT. 1979

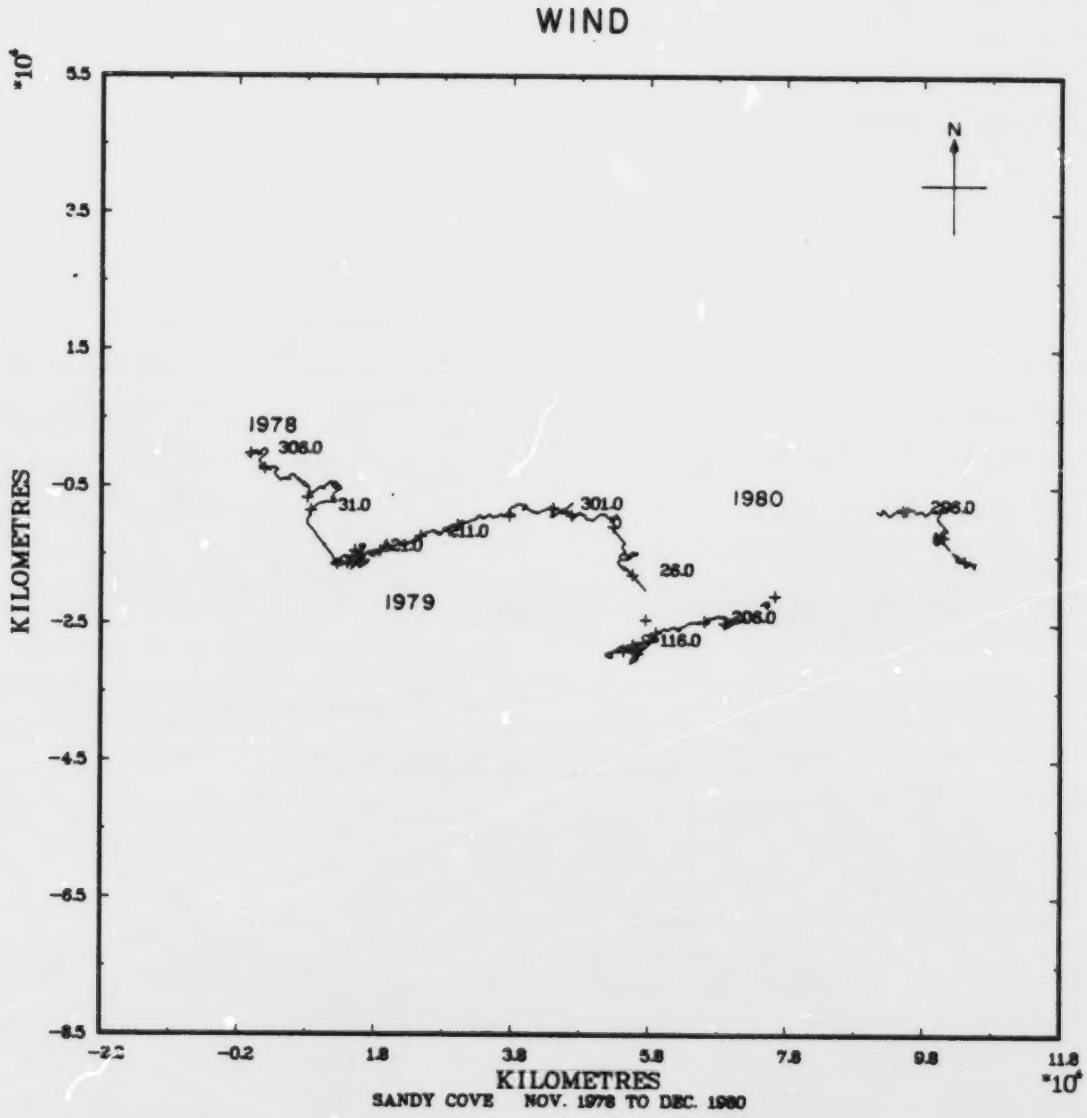

R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
300.0
(1979)
320.0
340.0
360.0
15.0
DAY
SABLE ISLAND OCT. 1979 TO JAN. 1980


R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
25.0
(1980)
45.0
65.0
85.0
105.0
DAY
SABLE ISLAND JAN. 1980 TO APR. 1980

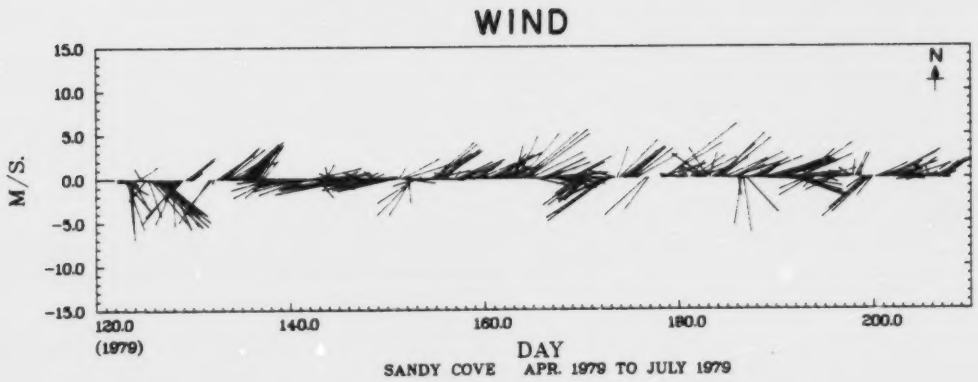

R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
115.0
(1980)
135.0
155.0
175.0
195.0
DAY
SABLE ISLAND APR. 1980 TO JULY 1980


R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
205.0
(1980)
225.0
245.0
265.0
285.0
DAY
SABLE ISLAND JULY 1980 TO OCT. 1980

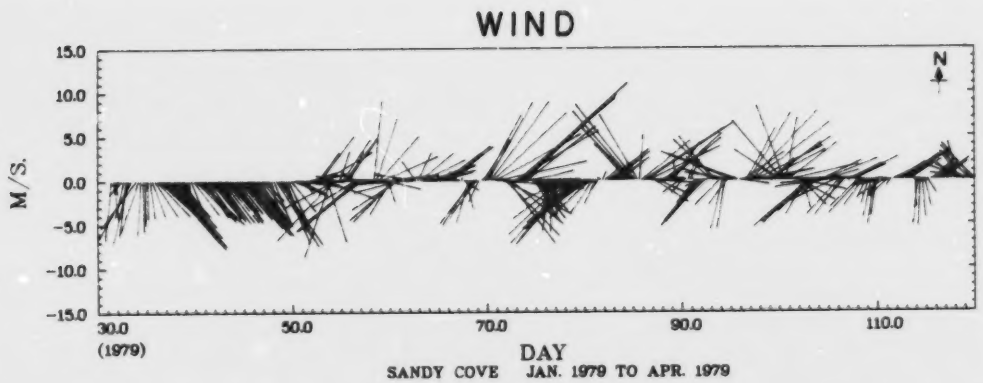

R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
295.0
(1980)
315.0
335.0
355.0
9.0
DAY
SABLE ISLAND OCT. 1980 TO DEC. 1980



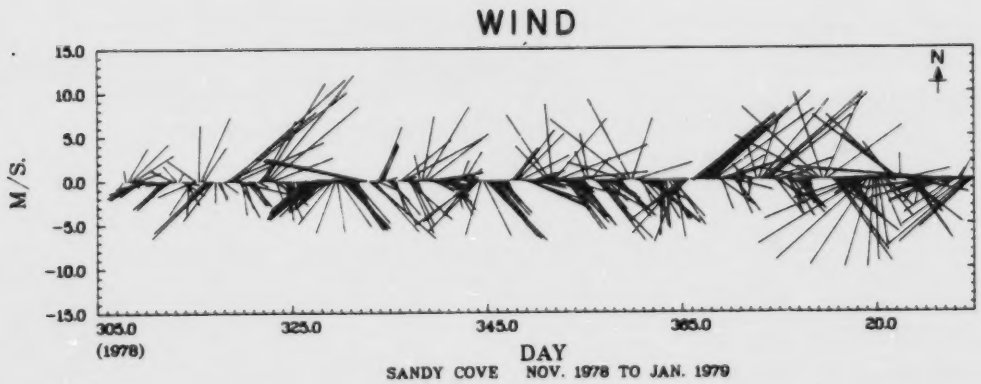
*Blank record indicates missing data - net displacement estimated from mean wind speed and direction may be in error.



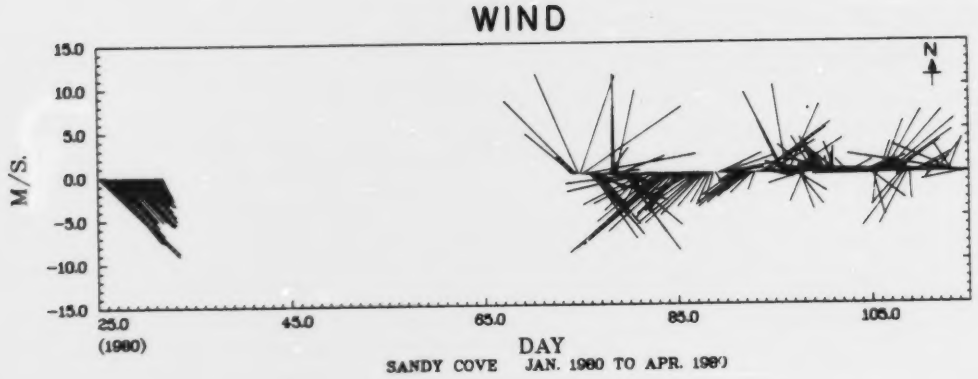
SANDY COVE APR. 1979 TO JULY 1979

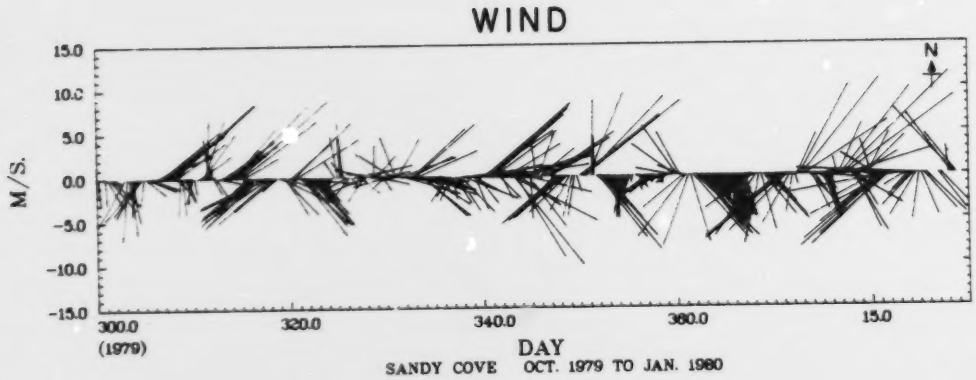


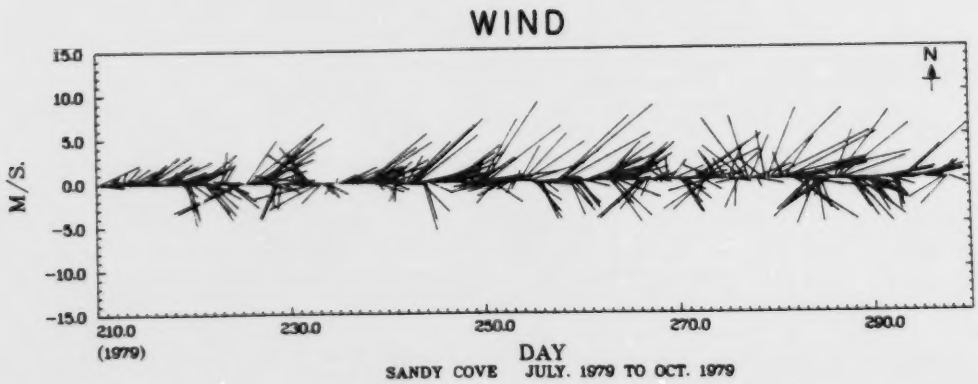
SANDY COVE JAN. 1979 TO APR. 1979

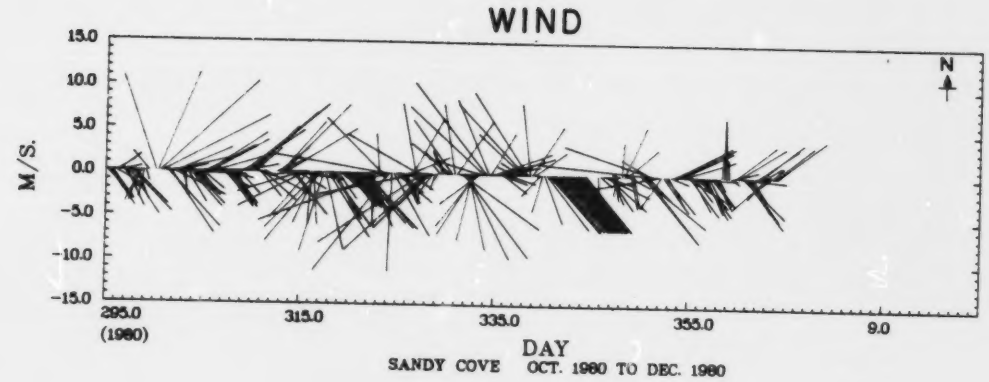


SANDY COVE NOV. 1978 TO JAN. 1979

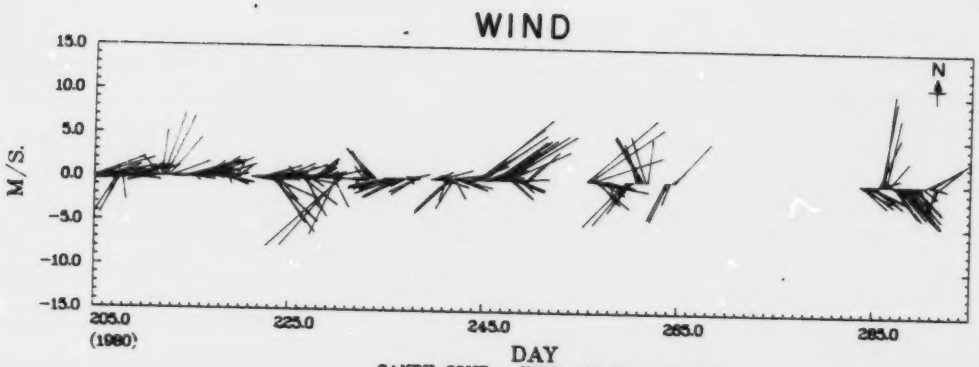

WIND
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
M/S.
N
25.0
(1980)
45.0
65.0
85.0
105.0
DAY
SANDY COVE JAN. 1980 TO APR. 1980


WIND
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
M/S.
N
300.0
(1979)
320.0
340.0
360.0
15.0
DAY
SANDY COVE OCT. 1979 TO JAN. 1980

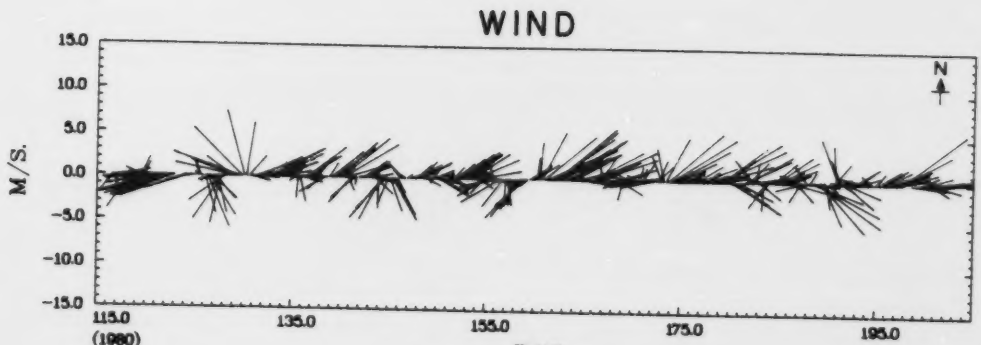

WIND
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
M/S.
N
210.0
(1979)
230.0
250.0
270.0
290.0
DAY
SANDY COVE JULY. 1979 TO OCT. 1979



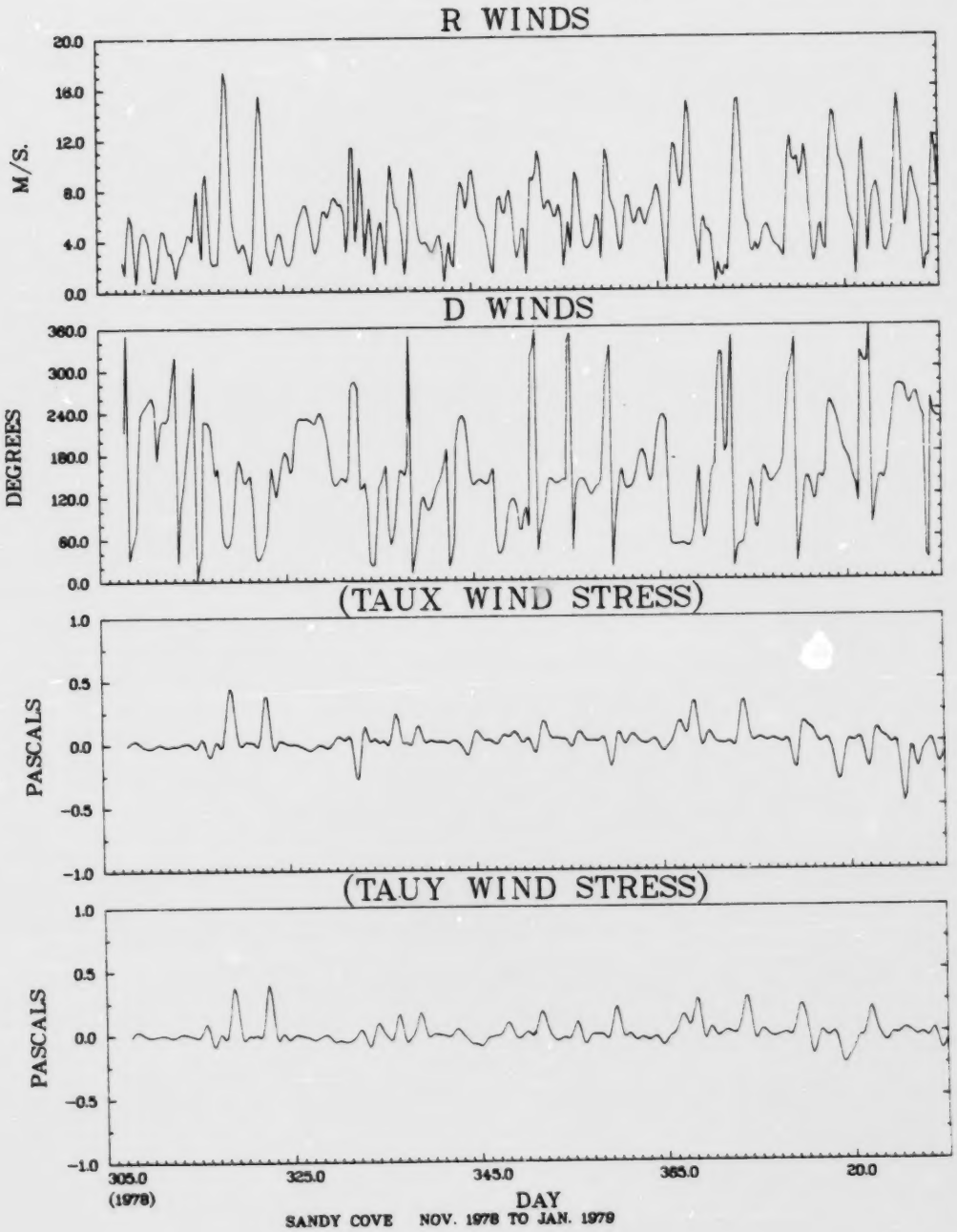
SANDY COVE OCT. 1980 TO DEC. 1980

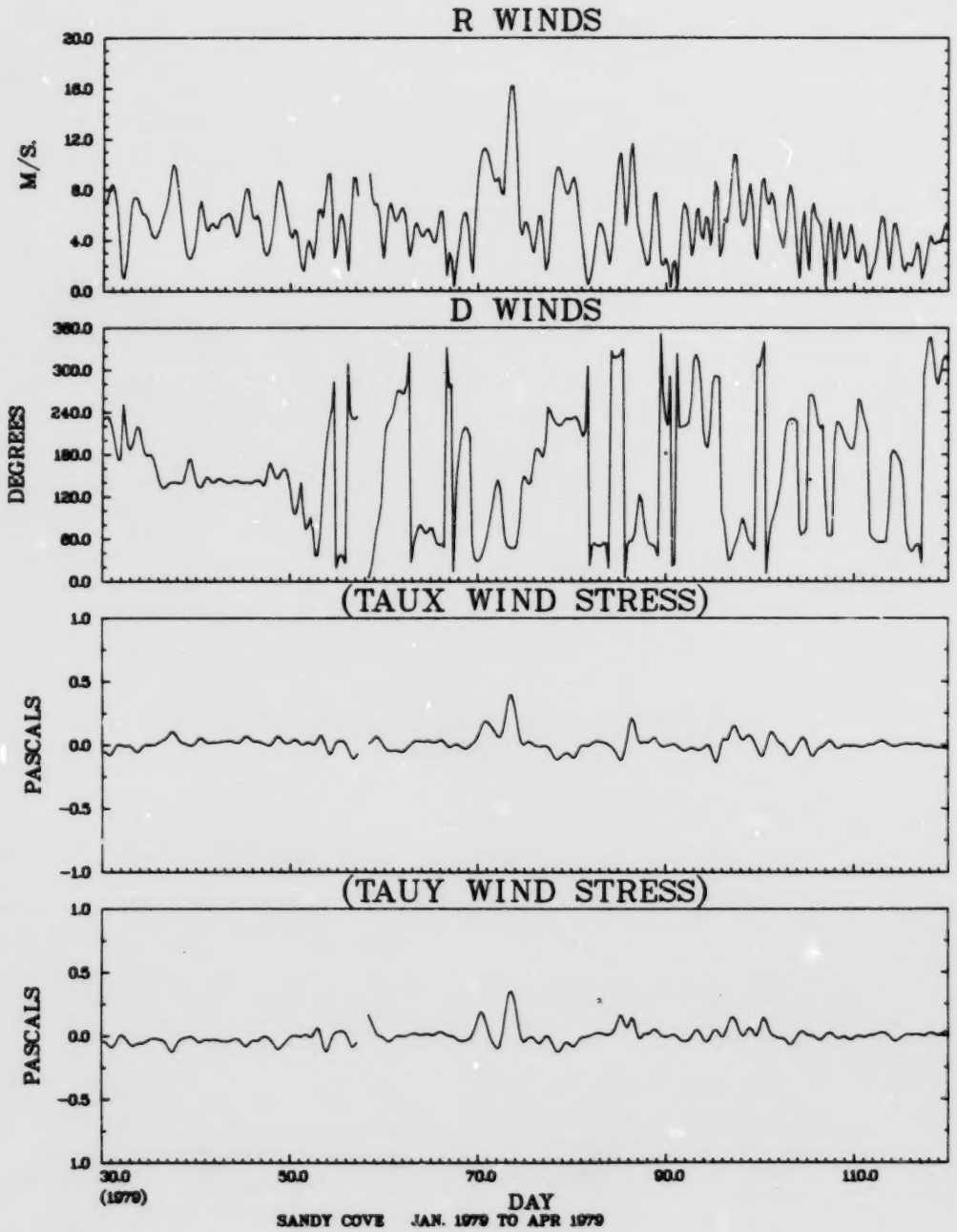


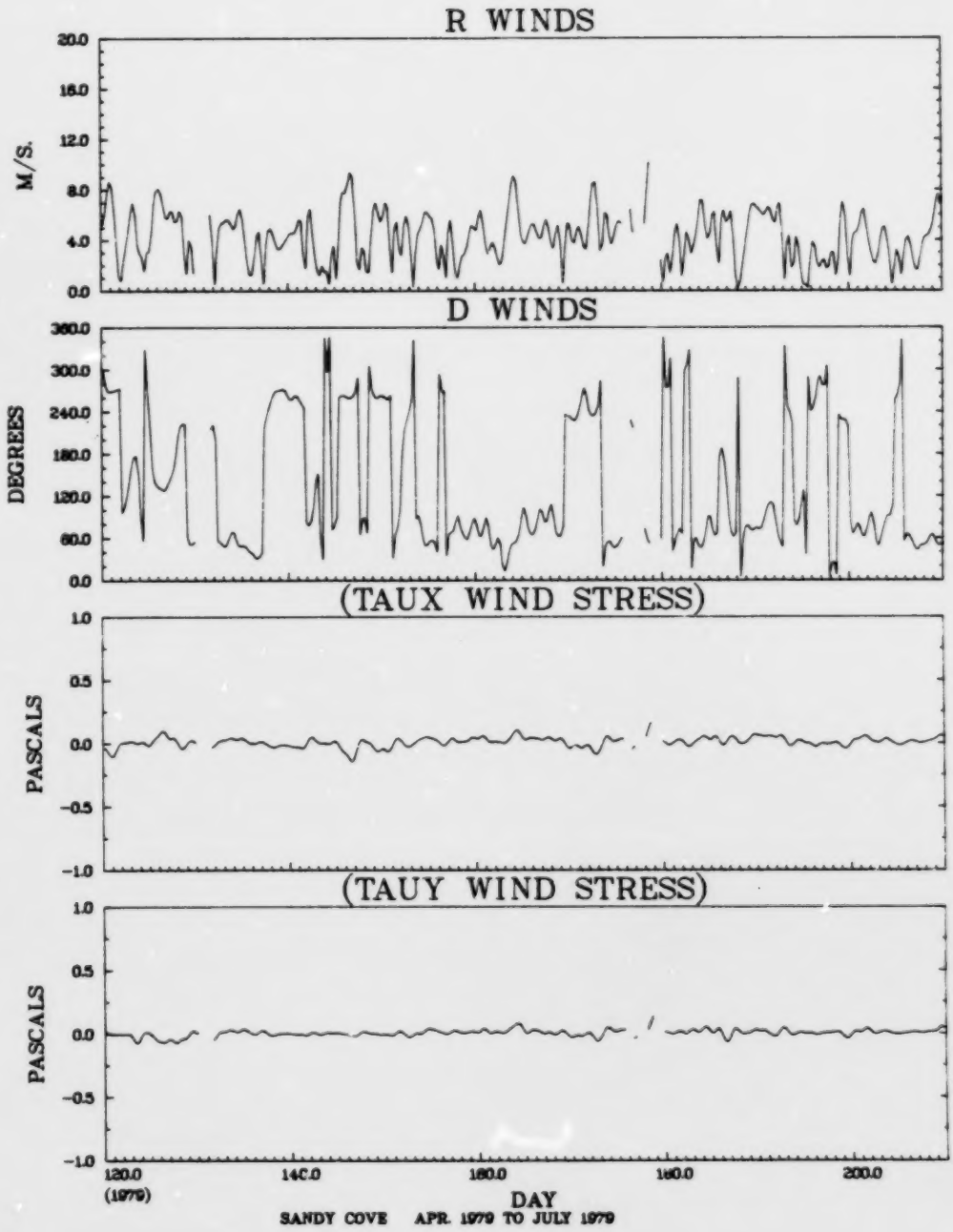
SANDY COVE JULY 1980 TO OCT. 1980

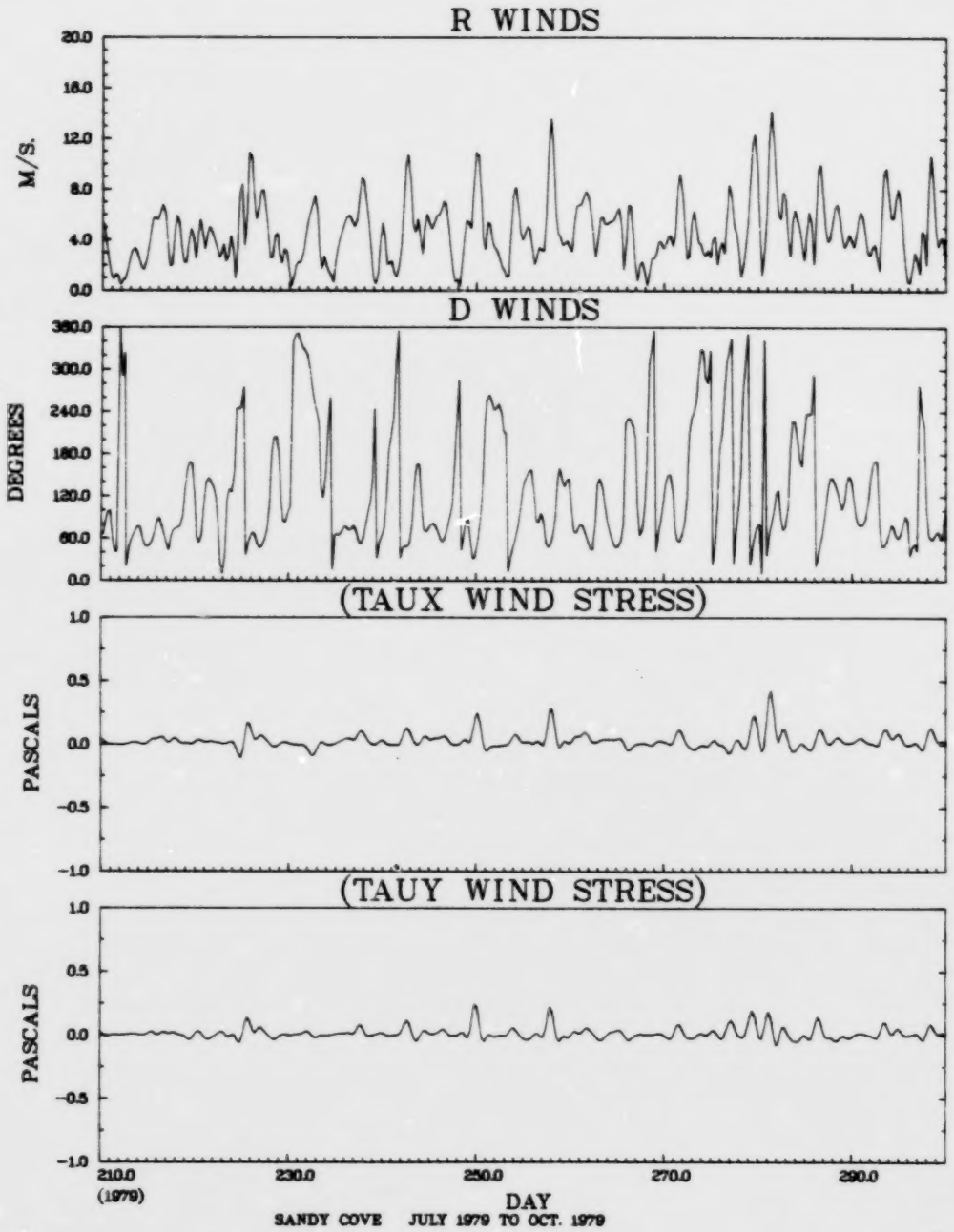


SANDY COVE APR. 1980 TO JULY 1980


R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
305.0
(1978)
325.0
345.0
365.0
20.0
DAY
SANDY COVE NOV. 1978 TO JAN. 1979


R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
1.0
30.0
(1979)
50.0
70.0
90.0
110.0
DAY
SANDY COVE JAN. 1979 TO APR 1979


R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
120.0
(1979)
140.0
160.0
180.0
200.0
DAY
SANDY COVE APR. 1979 TO JULY 1979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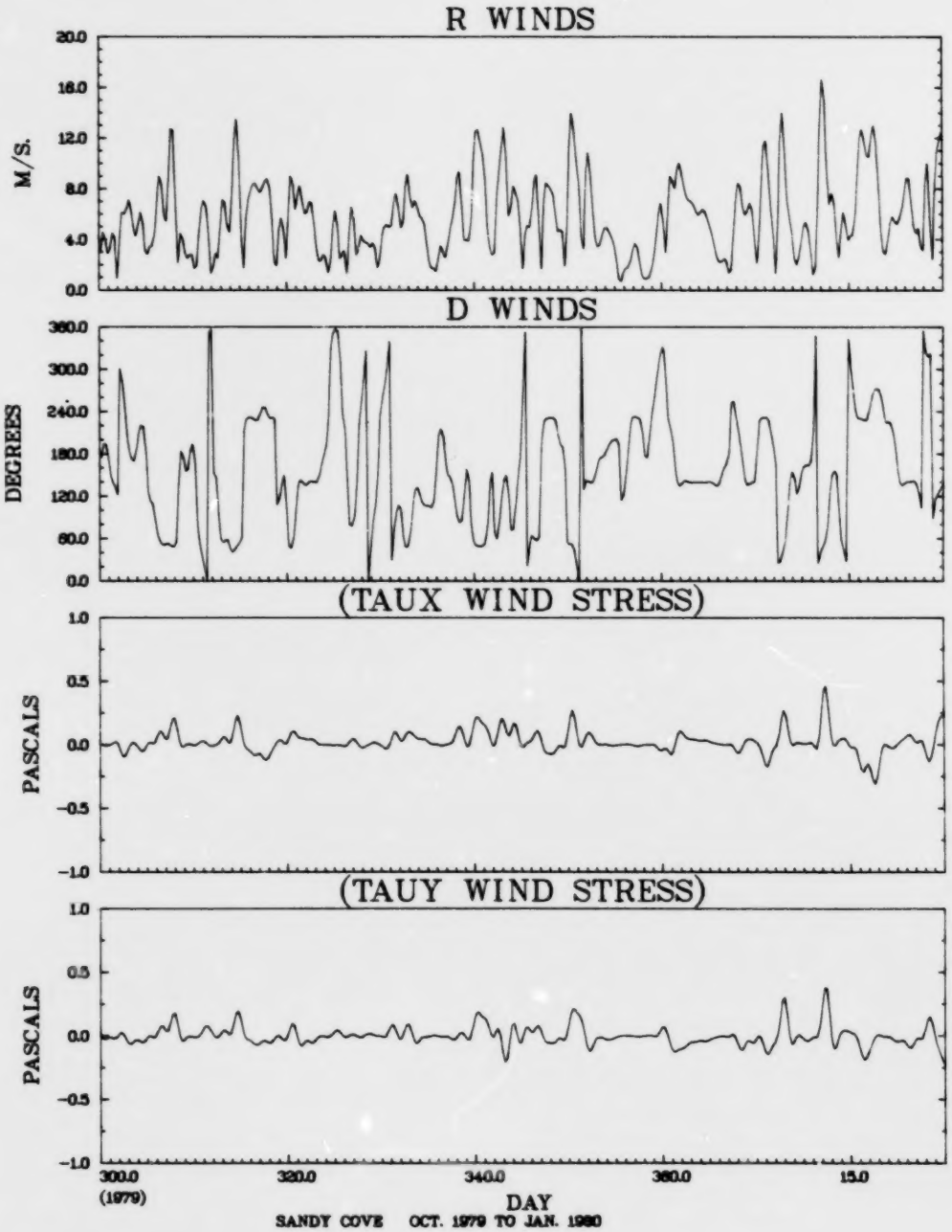
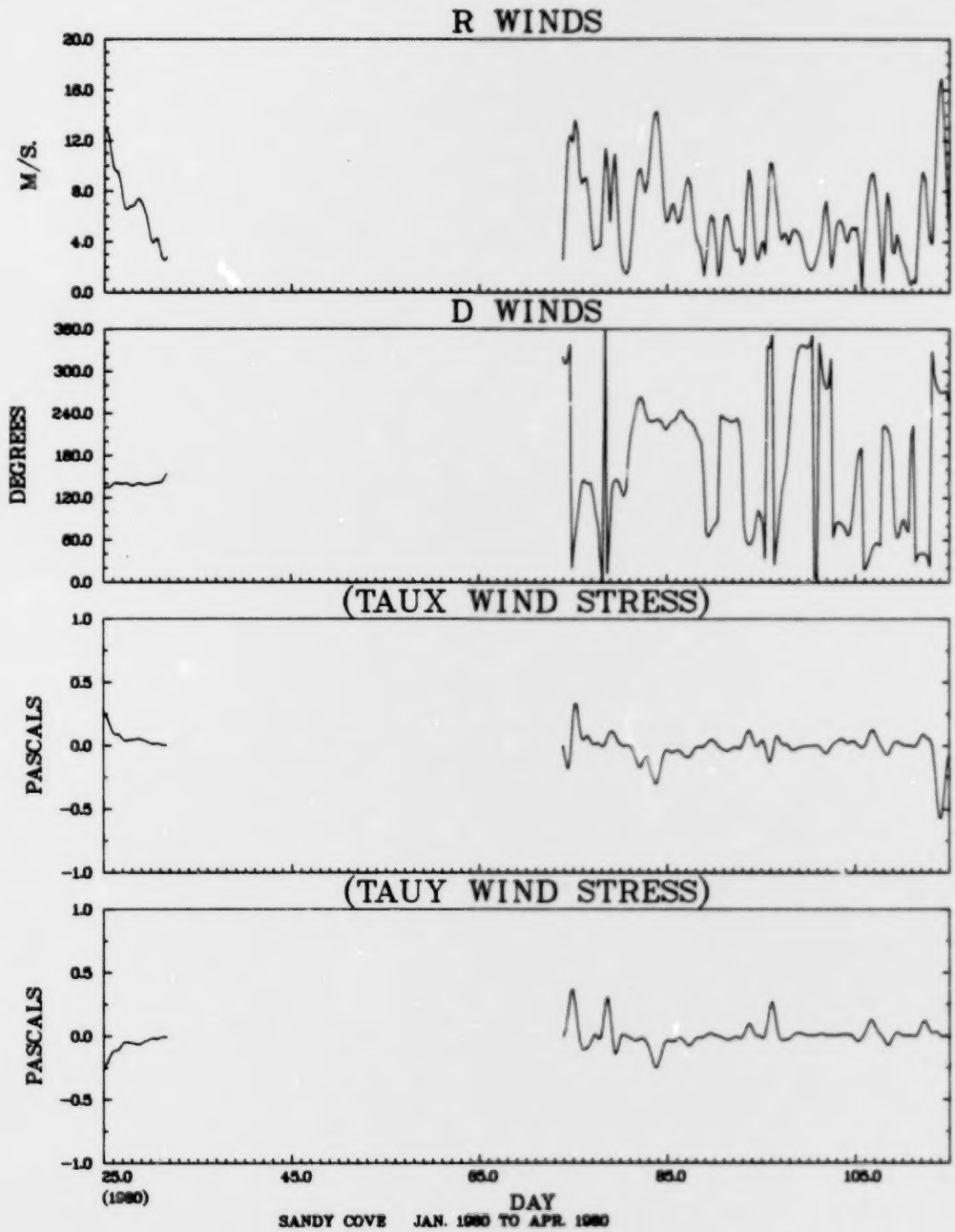
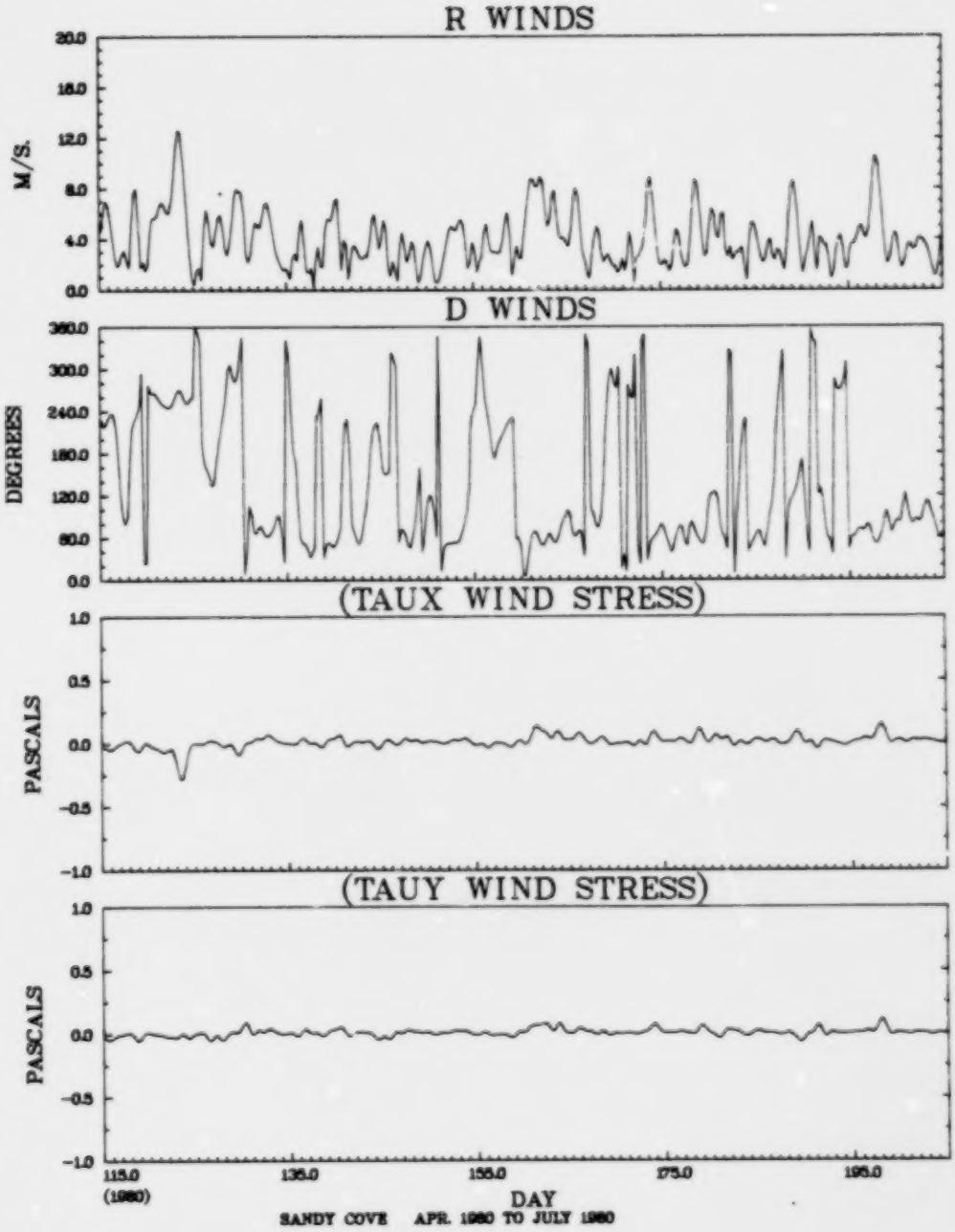
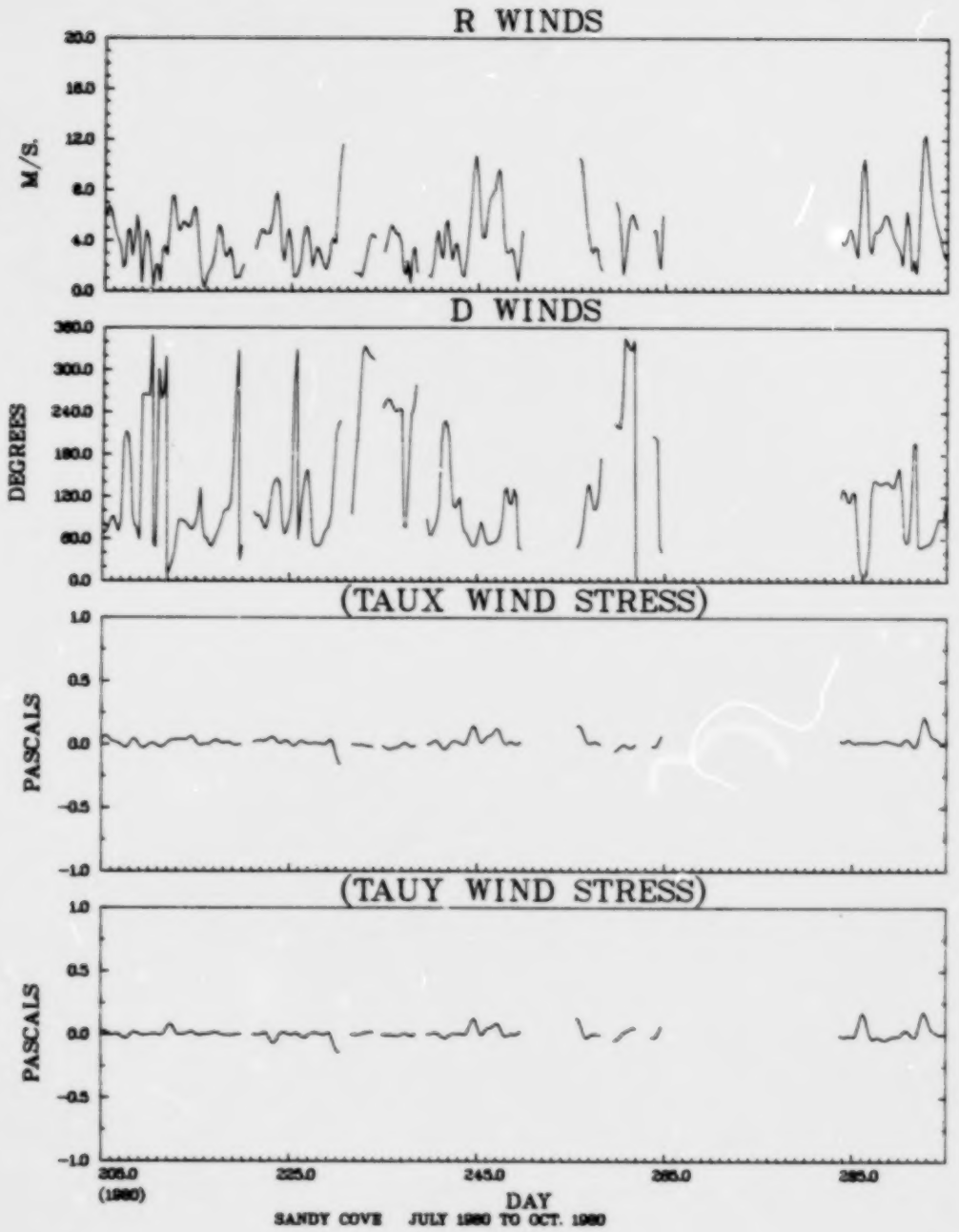
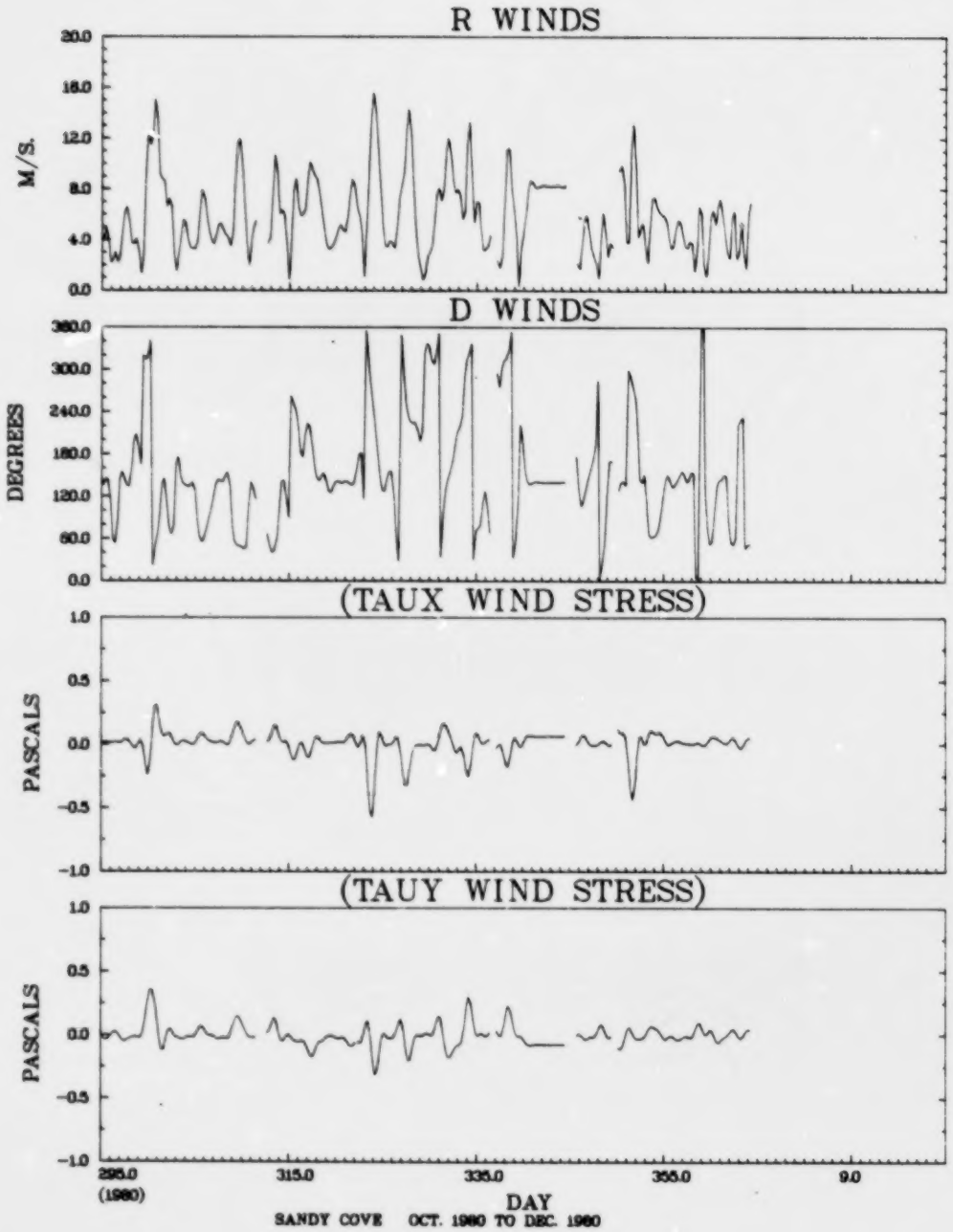
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
210.0
(1979)
230.0
250.0
270.0
290.0
DAY
SANDY COVE JULY 1979 TO OCT. 1979

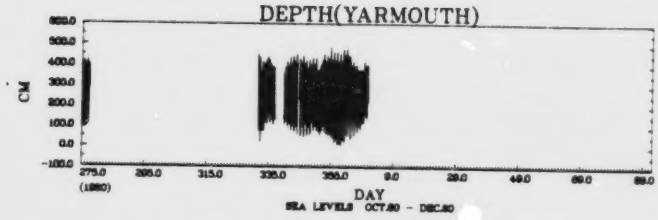

R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
300.0
(1979)
320.0
340.0
360.0
15.0
DAY
SANDY COVE OCT. 1979 TO JAN. 1980

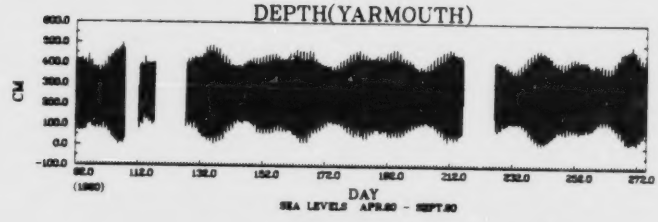

R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
25.0
(1980)
45.0
65.0
85.0
105.0
DAY
SANDY COVE JAN. 1980 TO APR. 1980

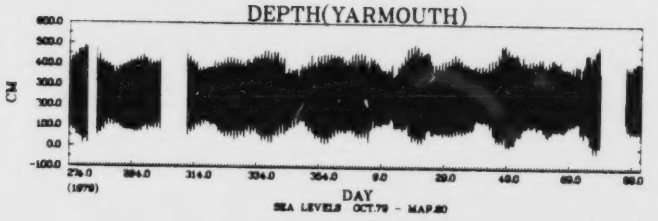

R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
115.0
(1980)
135.0
155.0
175.0
195.0
DAY
SANDY COVE APR. 1980 TO JULY 1980

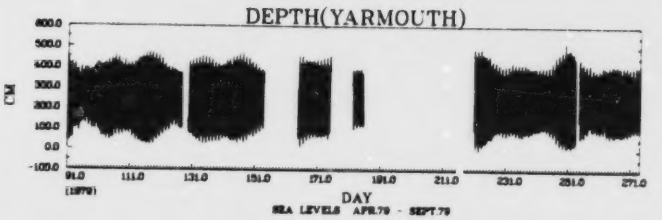

R WINDS
M/S.
20.0
16.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
205.0
(1980)
225.0
245.0
265.0
285.0
DAY
SANDY COVE JULY 1980 TO OCT. 1980

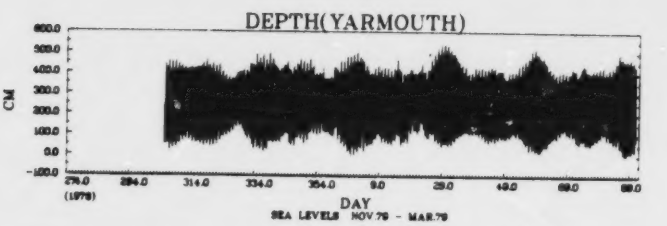

R WINDS
M/S.
20.0
18.0
12.0
8.0
4.0
0.0
D WINDS
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
295.0
(1980)
315.0
335.0
355.0
9.0
DAY
SANDY COVE OCT. 1980 TO DEC. 1980

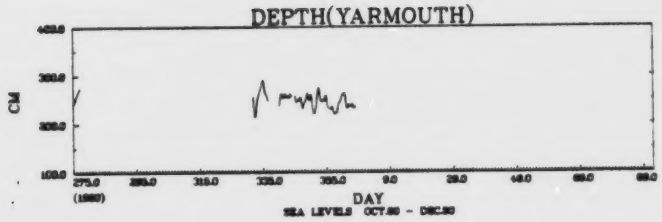

DEPTH(YARMOUTH)
CM
DAY
SEA LEVELS OCT.80 - DEC.80

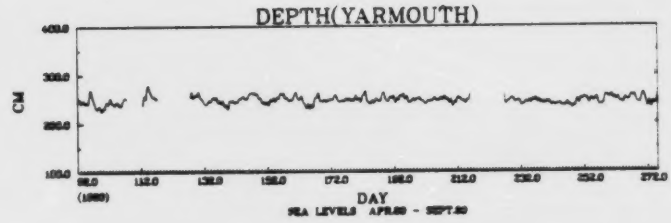

DEPTH(YARMOUTH)
CM
DAY
SEA LEVELS APR.80 - SEPT.80

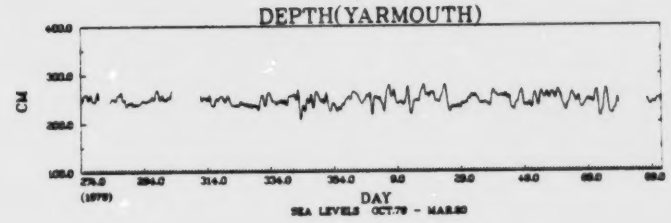

DEPTH(YARMOUTH)
CM
DAY
SEA LEVELS OCT.79 - MAR.80

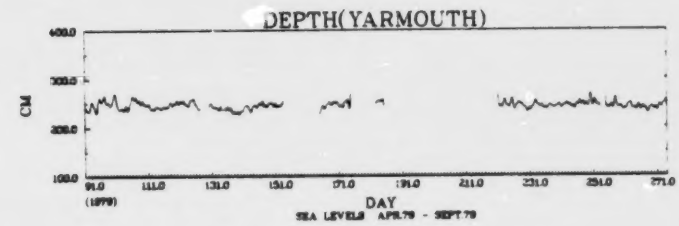

DEPTH(YARMOUTH)
CM
DAY
SEA LEVELS APR.79 - SEPT.79

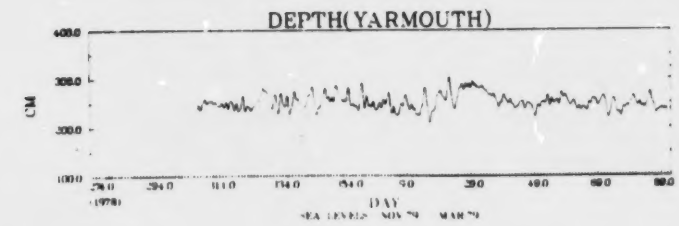

DEPTH(YARMOUTH)
CM
DAY
SEA LEVELS NOV.79 - MAR.79

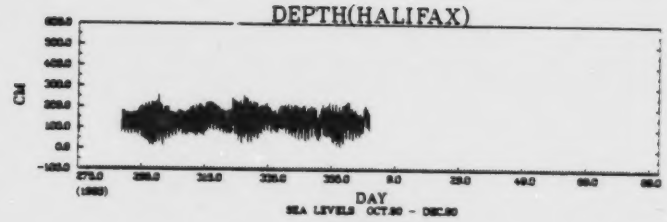

DEPTH(YARMOUTH)
CM
DAY
SEA LEVELS OCT.80 - DEC.80

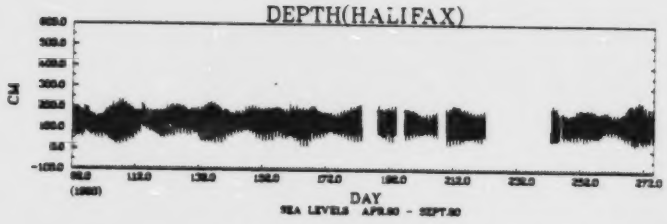

DEPTH(YARMOUTH)
CM
DAY
SEA LEVELS APR.80 - SEPT.80

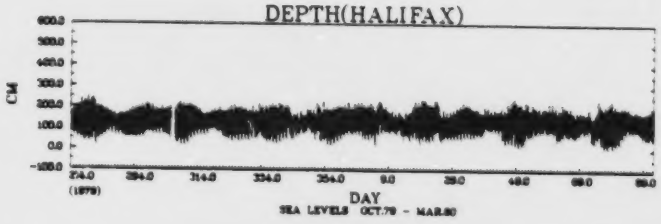

DEPTH(YARMOUTH)
CM
DAY
SEA LEVELS OCT.79 - MAR.80

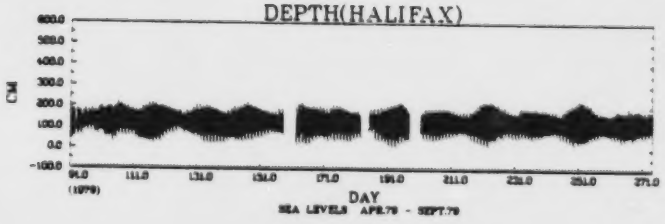

DEPTH(YARMOUTH)
CM
DAY
SEA LEVELS APR.79 - SEPT.79

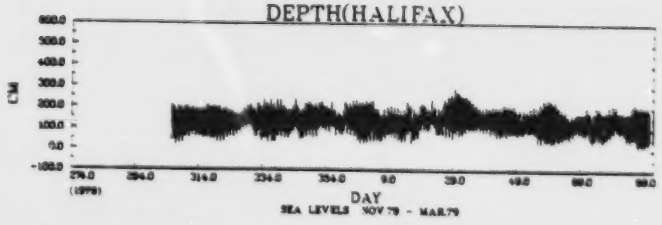

DEPTH(YARMOUTH)
CM
DAY

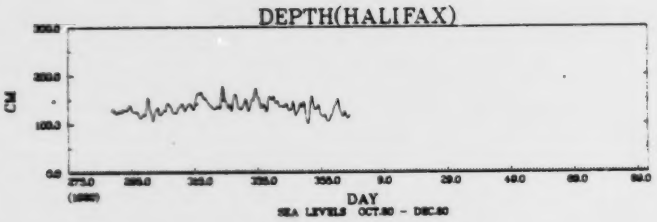

DEPTH(HALIFAX)
CM
DAY
SEA LEVELS OCT.80 - DEC.80

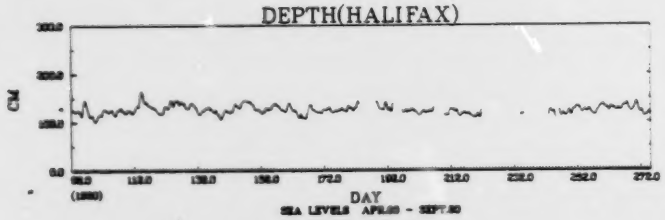

DEPTH(HALIFAX)
CM
DAY
SEA LEVELS APR.80 - SEPT.80

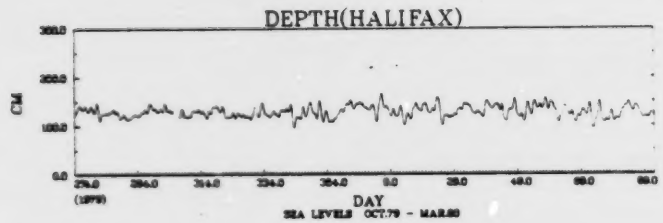

DEPTH(HALIFAX)
CM
DAY
SEA LEVELS OCT.79 - MAR.80

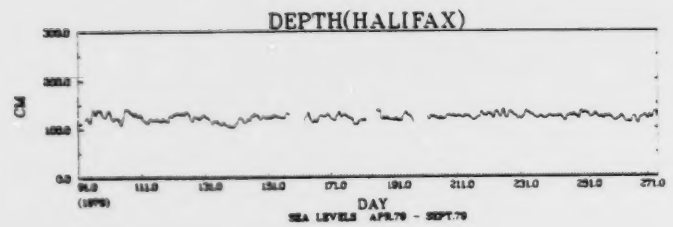

DEPTH(HALIFAX)
CM
DAY
SEA LEVELS APR.79 - SEPT.79

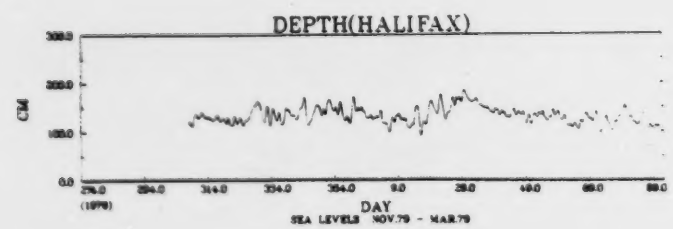

DEPTH(HALIFAX)
CM
DAY
SEA LEVELS NOV.78 - MAR.79

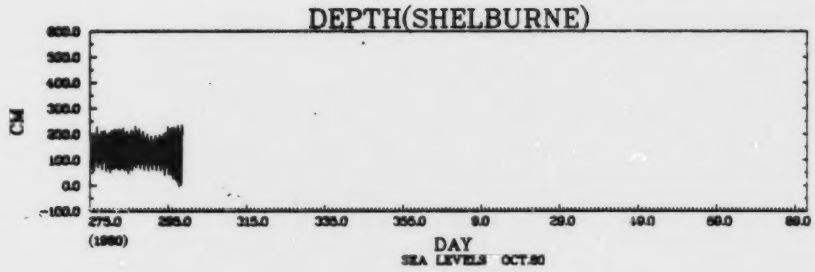

DEPTH(HALIFAX)
CM
DAY
SEA LEVELS OCT.80 - DEC.80

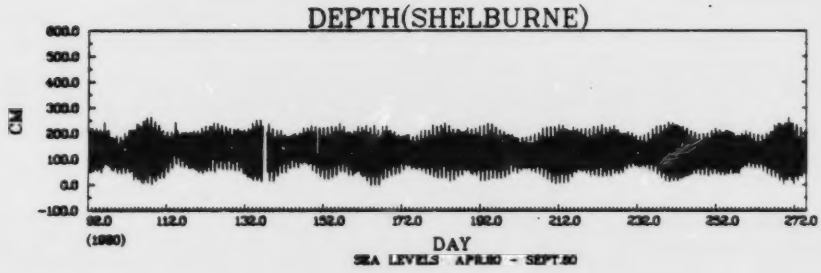

DEPTH(HALIFAX)
CM
DAY
SEA LEVELS APR.80 - SEPT.80

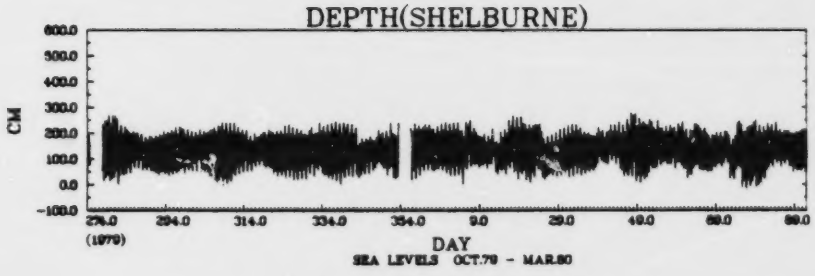

DEPTH(HALIFAX)
CM
DAY
SEA LEVELS OCT.79 - MAR.80

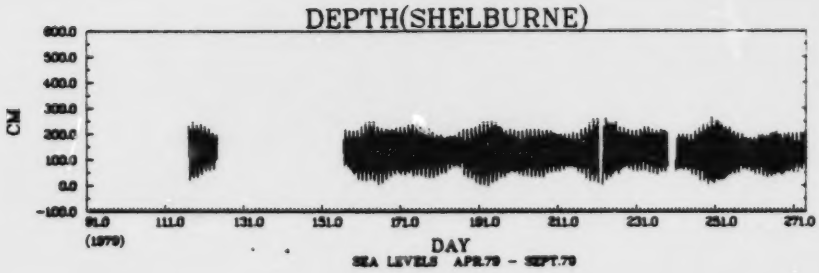

DEPTH(HALIFAX)
CM
DAY
SEA LEVELS APR.79 - SEPT.79

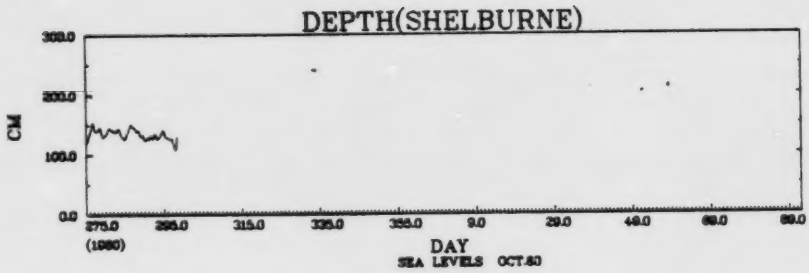

DEPTH(HALIFAX)
CM
DAY
SEA LEVELS NOV.79 - MAR.79

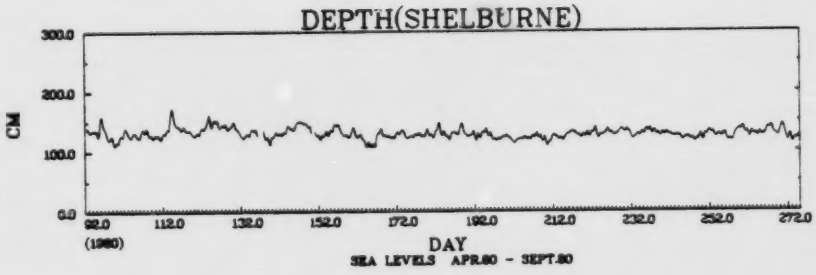

DEPTH(SHELBURNE)
CM
600.0
500.0
400.0
300.0
200.0
100.0
0.0
-100.0
275.0
295.0
315.0
335.0
355.0
9.0
29.0
49.0
69.0
89.0
(1980)
DAY
SEA LEVELS OCT.80

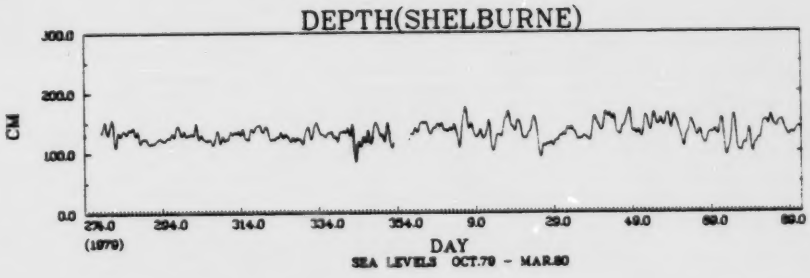

DEPTH(SHELBURNE)
CM
600.0
500.0
400.0
300.0
200.0
100.0
0.0
-100.0
92.0
112.0
132.0
152.0
172.0
192.0
212.0
232.0
252.0
272.0
(1980)
DAY
SEA LEVELS APR.80 - SEPT.80


DEPTH(SHELBURNE)
CM
600.0
500.0
400.0
300.0
200.0
100.0
0.0
-100.0
274.0
294.0
314.0
334.0
354.0
9.0
29.0
49.0
69.0
89.0
(1979)
DAY
SEA LEVELS OCT.79 - MAR.80


DEPTH(SHELBURNE)
CM
600.0
500.0
400.0
300.0
200.0
100.0
0.0
-100.0
91.0
111.0
131.0
151.0
171.0
191.0
211.0
231.0
251.0
271.0
(1979)
DAY
SEA LEVELS APR.79 - SEPT.79


DEPTH(SHELBURNE)
CM
300.0
200.0
100.0
0.0
275.0
295.0
315.0
335.0
355.0
9.0
29.0
49.0
69.0
89.0
(1980)
DAY
SEA LEVELS OCT.80


DEPTH(SHELBURNE)
CM
300.0
200.0
100.0
0.0
92.0
112.0
132.0
152.0
172.0
192.0
212.0
232.0
252.0
272.0
(1980)
DAY
SEA LEVELS APR.80 - SEPT.80


DEPTH(SHELBURNE)
CM
300.0
200.0
100.0
0.0
274.0
294.0
314.0
334.0
354.0
9.0
29.0
49.0
69.0
89.0
(1979)
DAY
SEA LEVELS OCT.79 - MAR.80

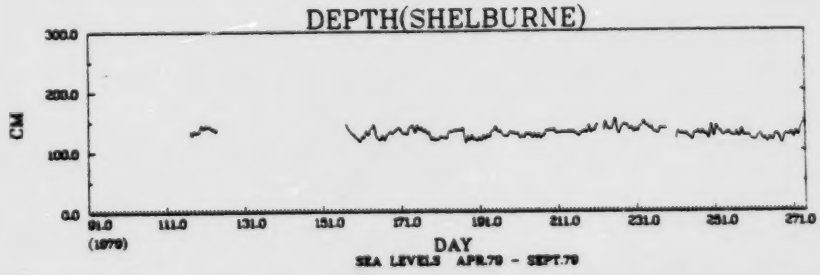

DEPTH(SHELBURNE)
CM
300.0
200.0
100.0
0.0
91.0
111.0
131.0
151.0
171.0
191.0
211.0
231.0
251.0
271.0
(1979)
DAY
SEA LEVELS APR.79 - SEPT.79

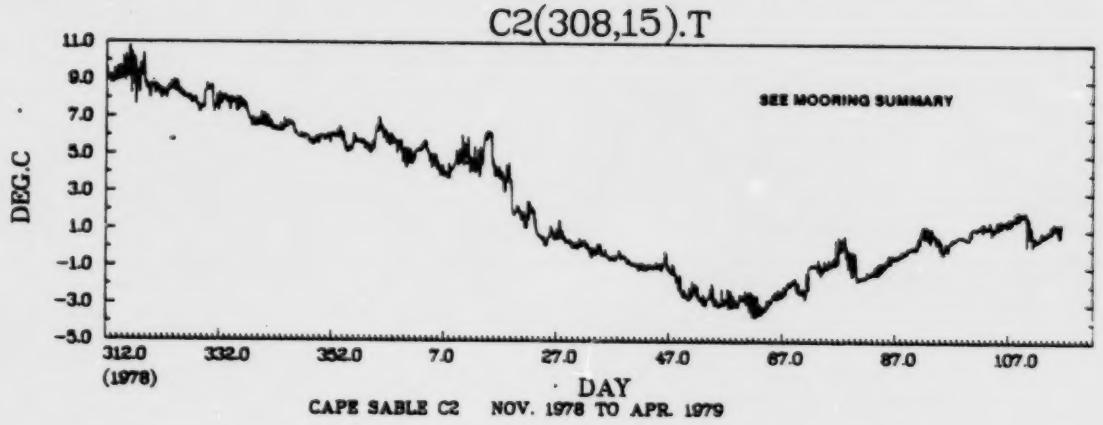
TABLE 10

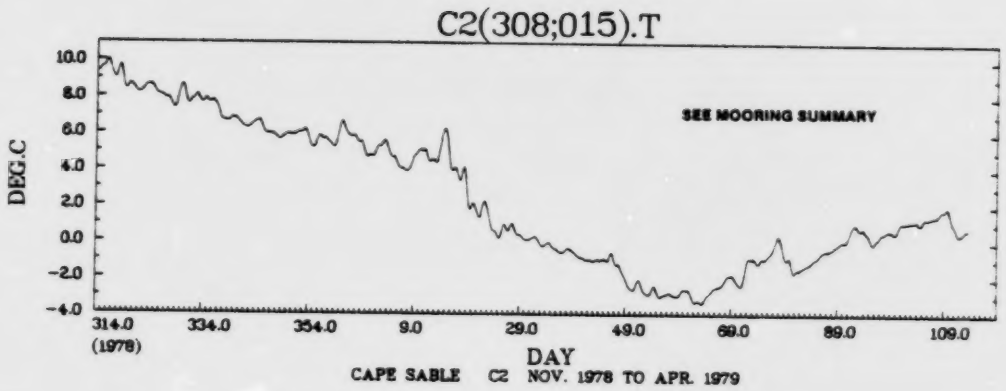
MOORING SUMMARY, CRUISE 78-031

Station	Latitude	Longitude	Instrument Number, Type*		Depth	Sounding	Comments
C2(308)	43° 01.22'N	65° 46.27'W	500	V	15	110	Rate and direction bad throughout the record.
			1039	A	16	110	Rotor lost on day 356(1978).
C2(307)	43° 01.62'N	65° 46.40'W	2663	A	50	110	
			1282	A	100	110	Rotor lost on day 29 (1979). Tangled in ground line on recovery.

* A = Aanderaa Current Meter

V = VACM Current Meter


C2(308,15).T
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
-3.0
-5.0
DEG.C
SEE MOORING SUMMARY
312.0
(1978)
332.0
352.0
7.0
27.0
47.0
67.0
87.0
107.0
DAY
CAPE SABLE C2 NOV. 1978 TO APR. 1979

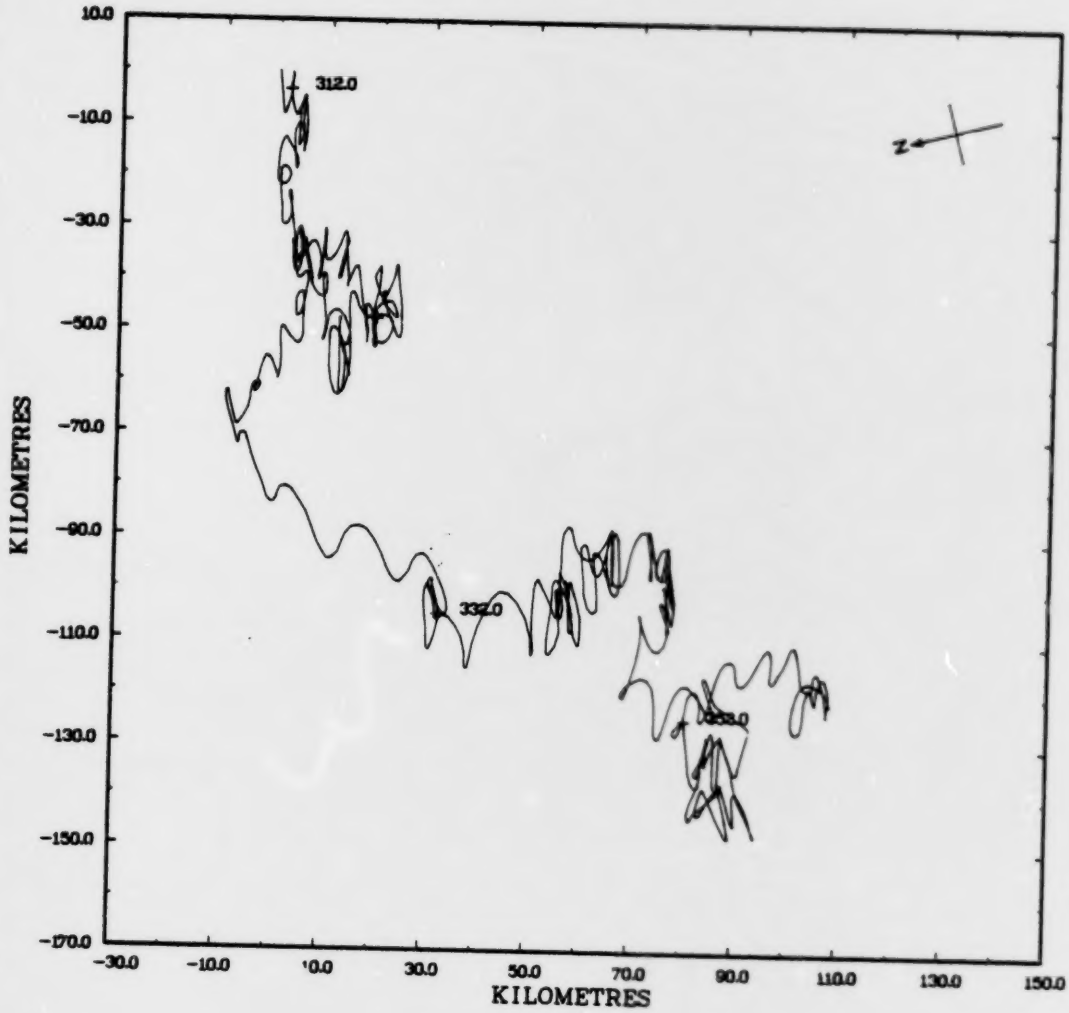

C2(308;015).T
DEG.C
10.0
8.0
6.0
4.0
2.0
0.0
-2.0
-4.0
SEE MOORING SUMMARY
314.0
(1978)
334.0
354.0
9.0
29.0
49.0
69.0
89.0
109.0
DAY
CAPE SABLE C2 NOV. 1978 TO APR. 1979

HISTOGRAM OF C2(309:915).T DEG.C

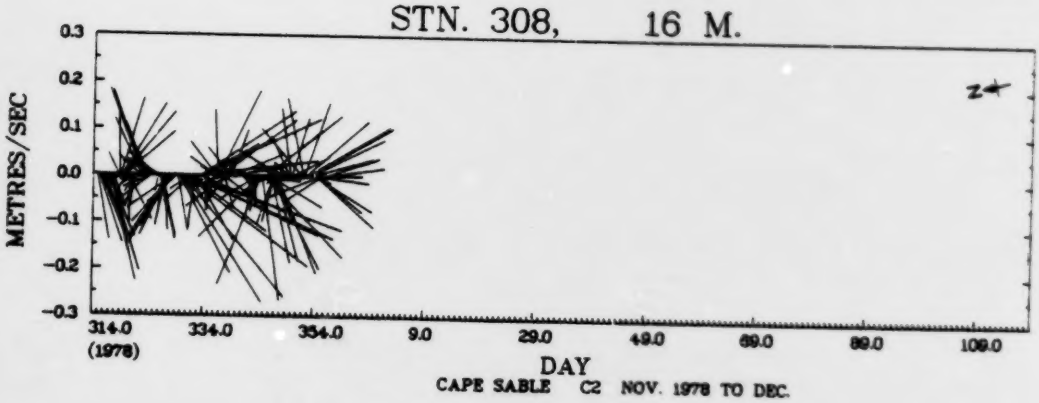
RANGE .GE.	.LT.	NUMBER IN RANGE	PER CENT	
-2.00	-1.50	245	5.2	**********
-1.50	-1.00	194	4.1	********
-1.00	-.50	334	7.1	**************
-.50	0.00	249	5.3	**********
0.00	.50	280	6.0	**********
.50	1.00	301	6.4	**********
1.00	1.50	244	5.2	**********
1.50	2.00	124	2.6	*****
2.00	2.50	37	.8	**
2.50	3.00	2	.0	*
3.00	3.50	14	.3	***
3.50	4.00	69	1.5	**********
4.00	4.50	122	2.6	**********
4.50	5.00	116	2.5	**********
5.00	5.50	169	3.6	**********
5.50	6.00	279	5.9	**********
6.00	6.50	218	4.6	**********
6.50	7.00	125	2.7	**********
7.00	7.50	54	1.1	**********
7.50	8.00	142	3.0	**********
8.00	8.50	172	3.7	**********
8.50	9.00	122	2.6	**********
9.00	9.50	49	1.0	**********
9.50	10.00	43	.9	**********
10.00	10.50	18	.4	*****
10.50	11.00	5	.1	**
11.00	11.50	0	0.0	
11.50	12.00	0	0.0	
12.00	12.50	0	0.0	
12.50	13.00	0	0.0	
13.00	13.50	0	0.0	
13.50	14.00	0	0.0	
14.00	14.50	0	0.0	
14.50	15.00	0	0.0	
15.00	15.50	0	0.0	
15.50	16.00	0	0.0	
16.00	16.50	0	0.0	
16.50	17.00	0	0.0	
17.00	17.50	0	0.0	
17.50	18.00	0	0.0	
18.00	18.50	0	0.0	
18.50	19.00	0	0.0	
19.00	19.50	0	0.0	
19.50	20.00	0	0.0	

TOTAL NO. OF SAMPLES 4675
OUTSIDE RANGE 356

STN. 308, 16 M.

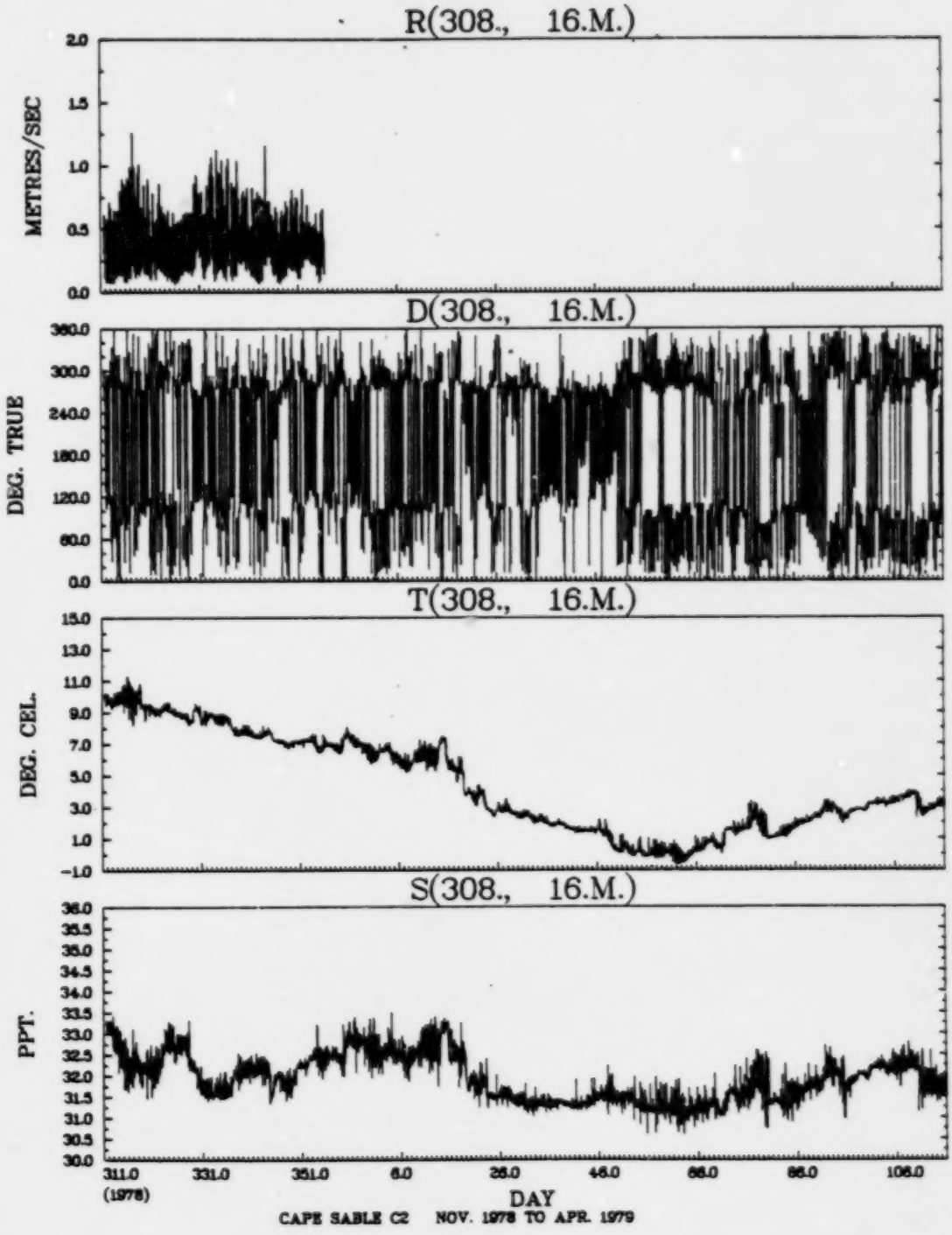


STN. 308, 16 M.

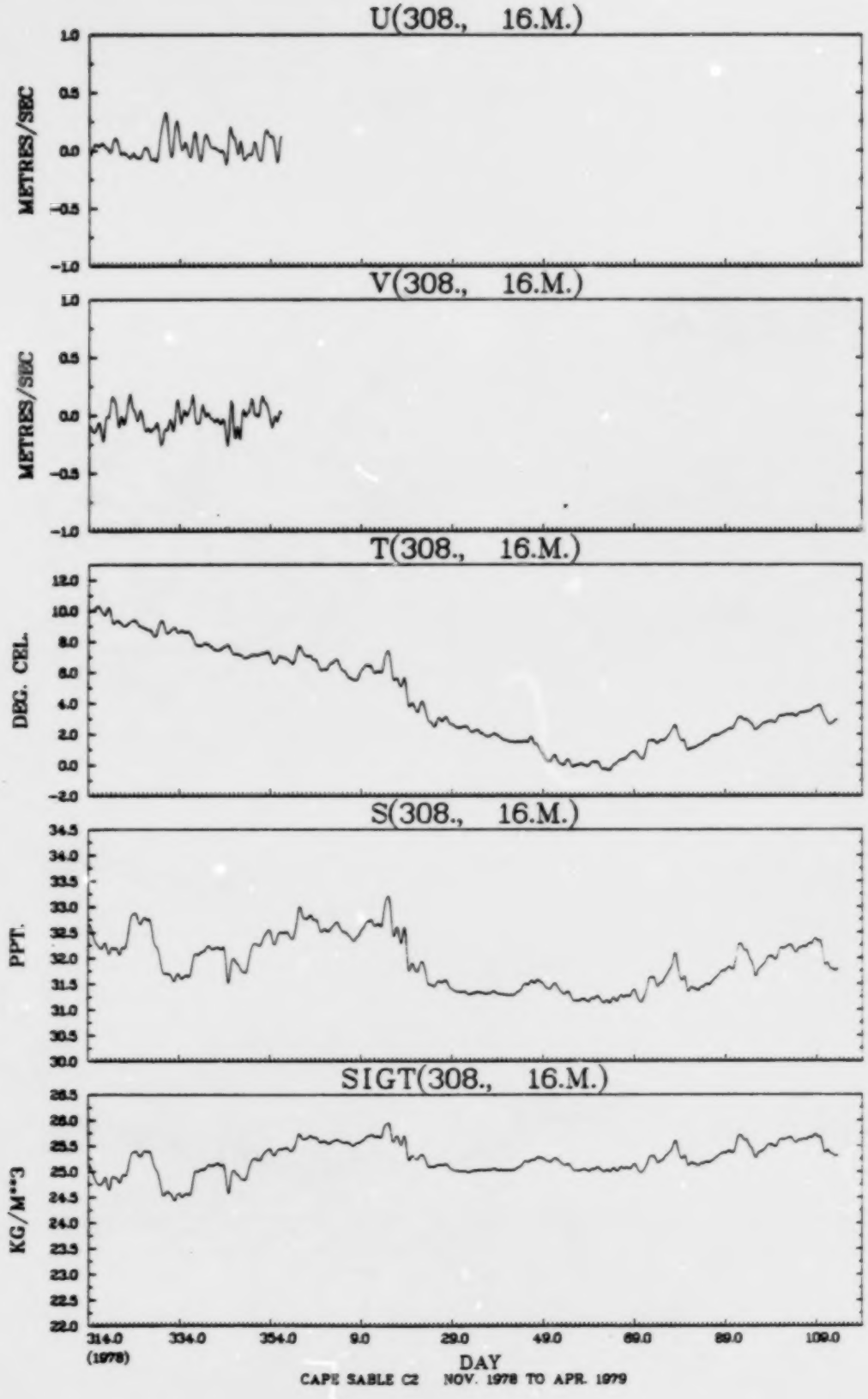


CAPE SABLE C2 NOV. 1978 TO DEC.

Rotor lost on day 356 (1978)



Rotor lost on day 356 (1978)



Rotor lost on day 356 (1978)

JOINT DISTRIBUTION (PERCENT)

D(308.. 16.M.) VS R(308.. 16.M.)

DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20	2	*										.2		
1.00 TO	1.10	4	*				.1						.2	.1	
.90 TO	1.00	14	*				.5	.2				.2	.5		
.80 TO	.90	25	*				.7					.6	1.0	.1	
.70 TO	.80	51	*				1.7	.3				.7	1.9	.1	.1
.60 TO	.70	84	*			.7	2.5	.2			.1	.9	3.4		
.50 TO	.60	131	*			1.5	3.4	.7	.1		.1	.9	5.0	.2	.2
.40 TO	.50	196	*			2.0	4.7	2.9	.4	.2	.6	2.1	4.8	.7	
.30 TO	.40	212	*	.1		1.9	4.3	2.0	.4	.3	.7	2.8	4.8	2.4	.1
.20 TO	.30	179	*	.2	.6	1.5	2.1	2.0	1.1	.9	1.0	2.1	2.7	2.1	.4
.10 TO	.20	139	*	1.0	.7	1.3	.6	1.8	.7	.7	1.1	1.8	1.1	1.1	1.0
-.00 TO	.10	36	*	.2	.4	.5		.1	.7	.3	.6	.3	.2	.2	.1
OUT OF RANGE		0	0												
SUB TOTAL		1073	0	16	18	100	220	108	35	26	45	132	277	76	20

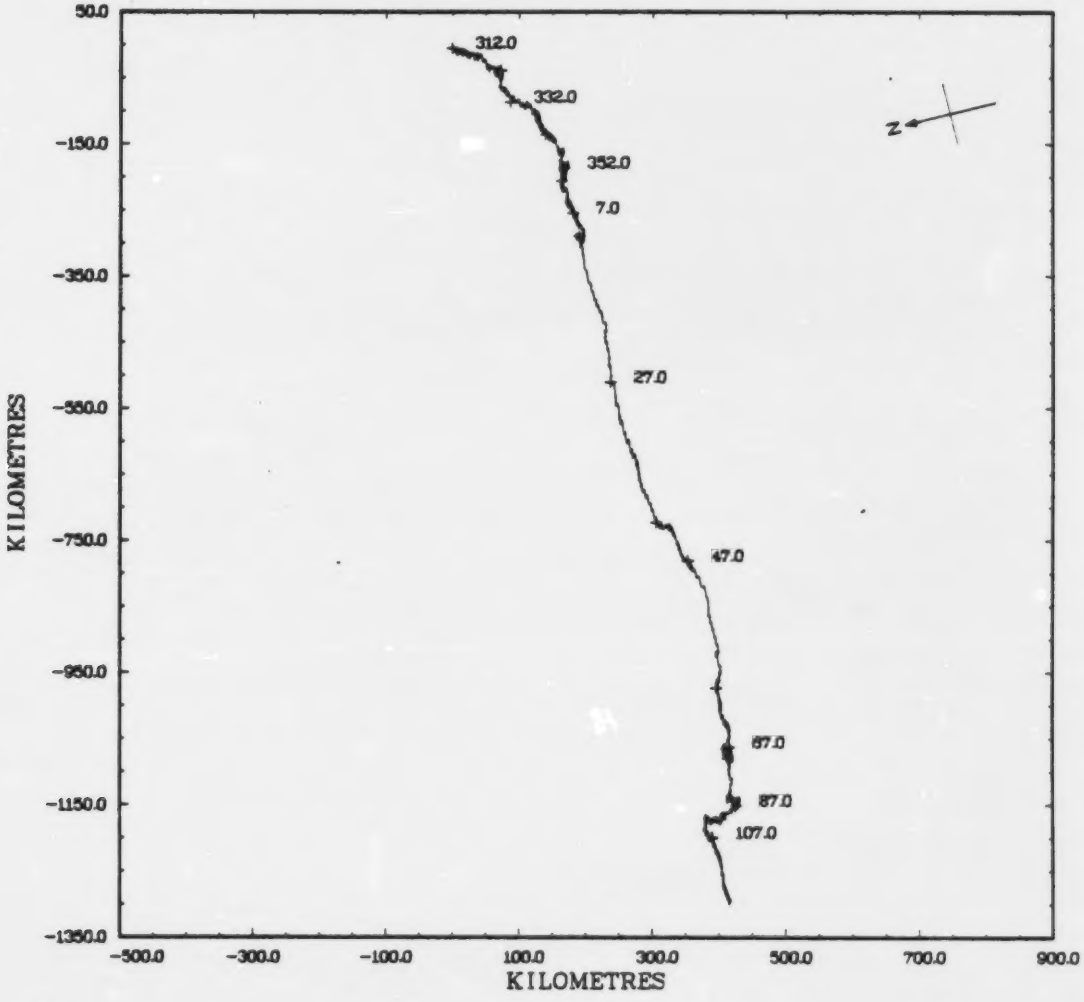
JOINT DISTRIBUTION (PERCENT)

T(308., 16.M.) VS S(308., 16.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50	105	*				.2	1.1	1.3				
32.50 TO	33.00	553	*			.1	7.5	3.9	2.1				
32.00 TO	32.50	1157	*		2.9	6.8	6.8	7.7	4.1	.0			
31.50 TO	32.00	1088	*	.9	13.9	4.4	.6	5.9	1.0				
31.00 TO	31.50	1164	*	12.7	15.4	.1		.4					
30.50 TO	31.00	4	*	.1									
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		4071	0	558	1315	466	617	771	343	1			

OCT

STN. 307, 50 M.



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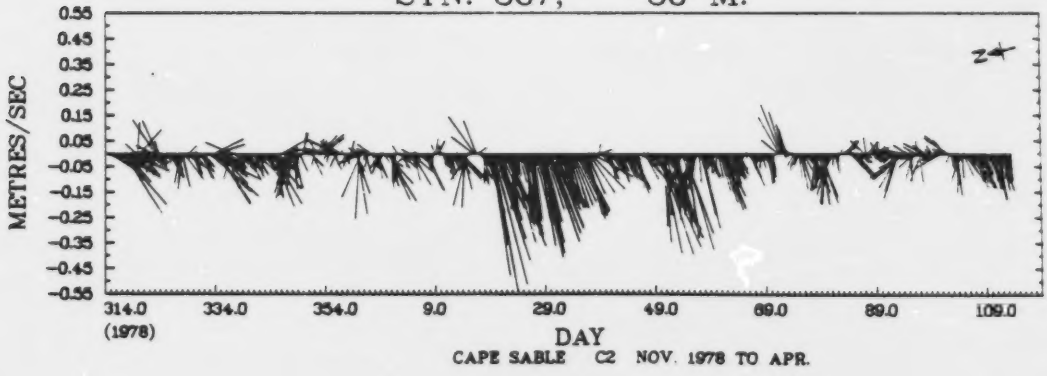
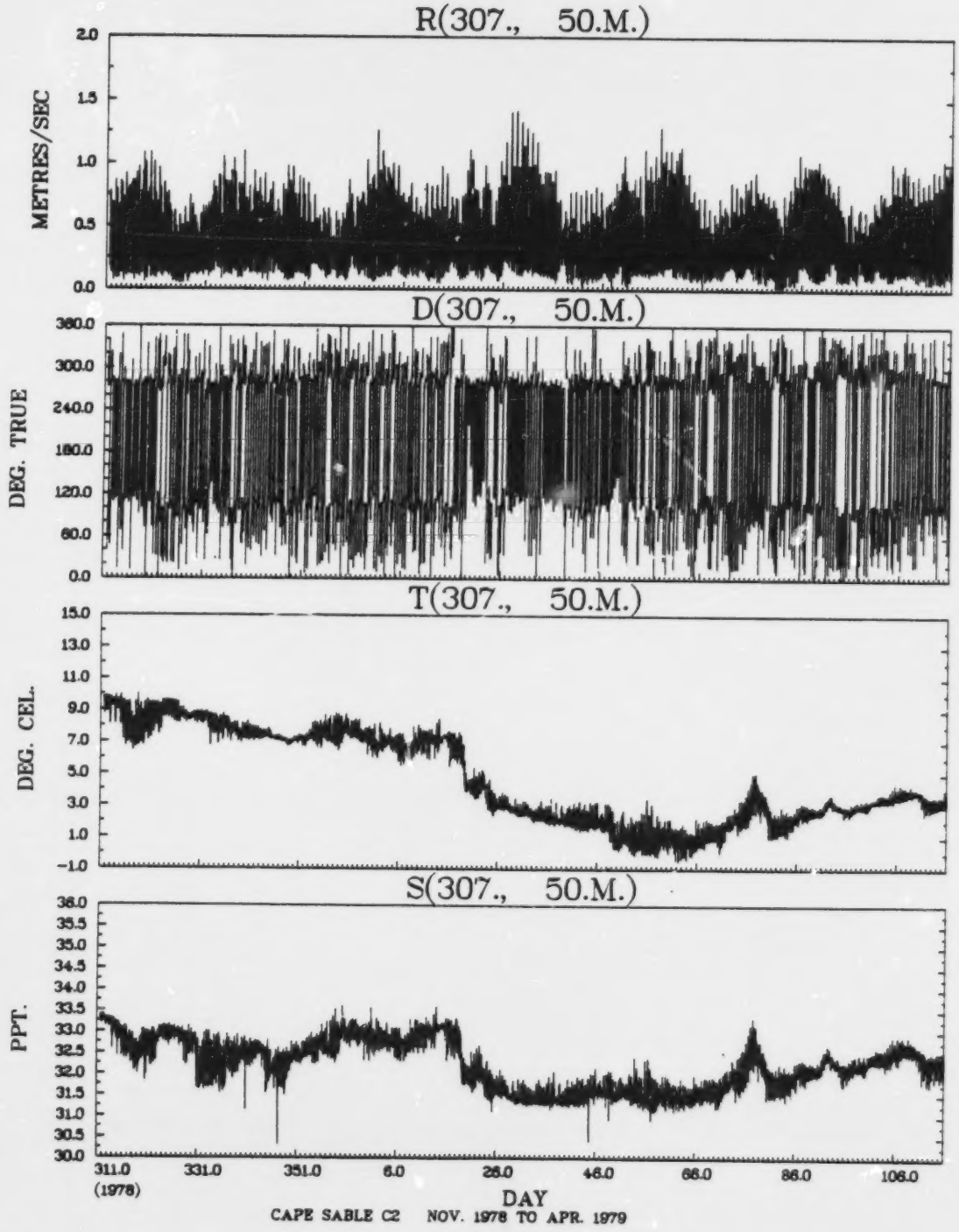
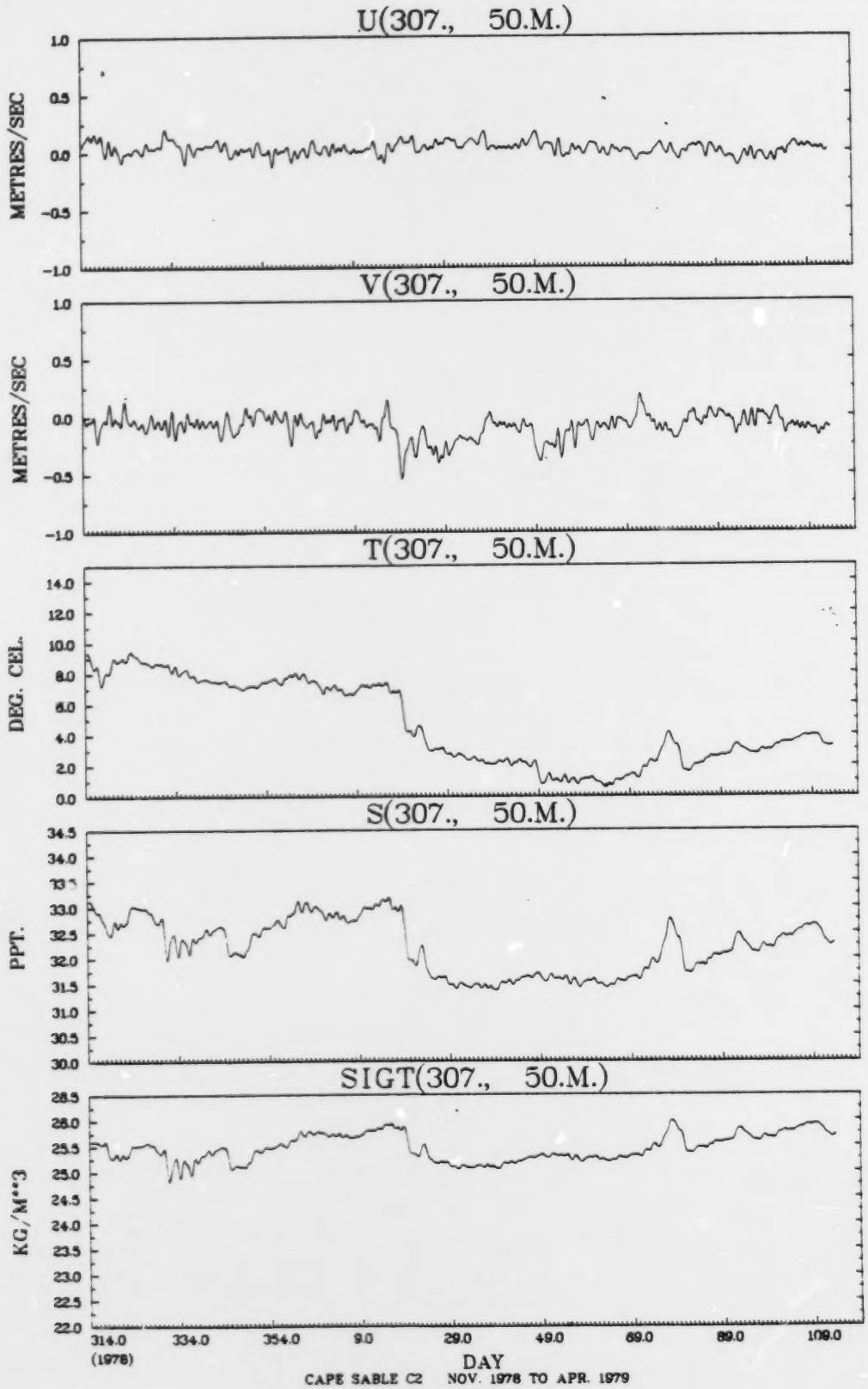



R(307., 50.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(307., 50.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(307., 50.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(307., 50.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
311.0
(1978)
331.0
351.0
6.0
26.0
46.0
66.0
86.0
106.0
DAY
CAPE SABLE C2 NOV. 1978 TO APR. 1979


U(307., 50.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(307., 50.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(307., 50.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(307., 50.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(307., 50.M.)
KG/M**3
28.5
28.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
314.0
(1978)
334.0
354.0
9.0
29.0
49.0
69.0
89.0
109.0
DAY
CAPE SABLE C2 NOV. 1978 TO APR. 1979

JOINT DISTRIBUTION (PERCENT)

D(307., 50.M.) VS P(307., 50.M.)

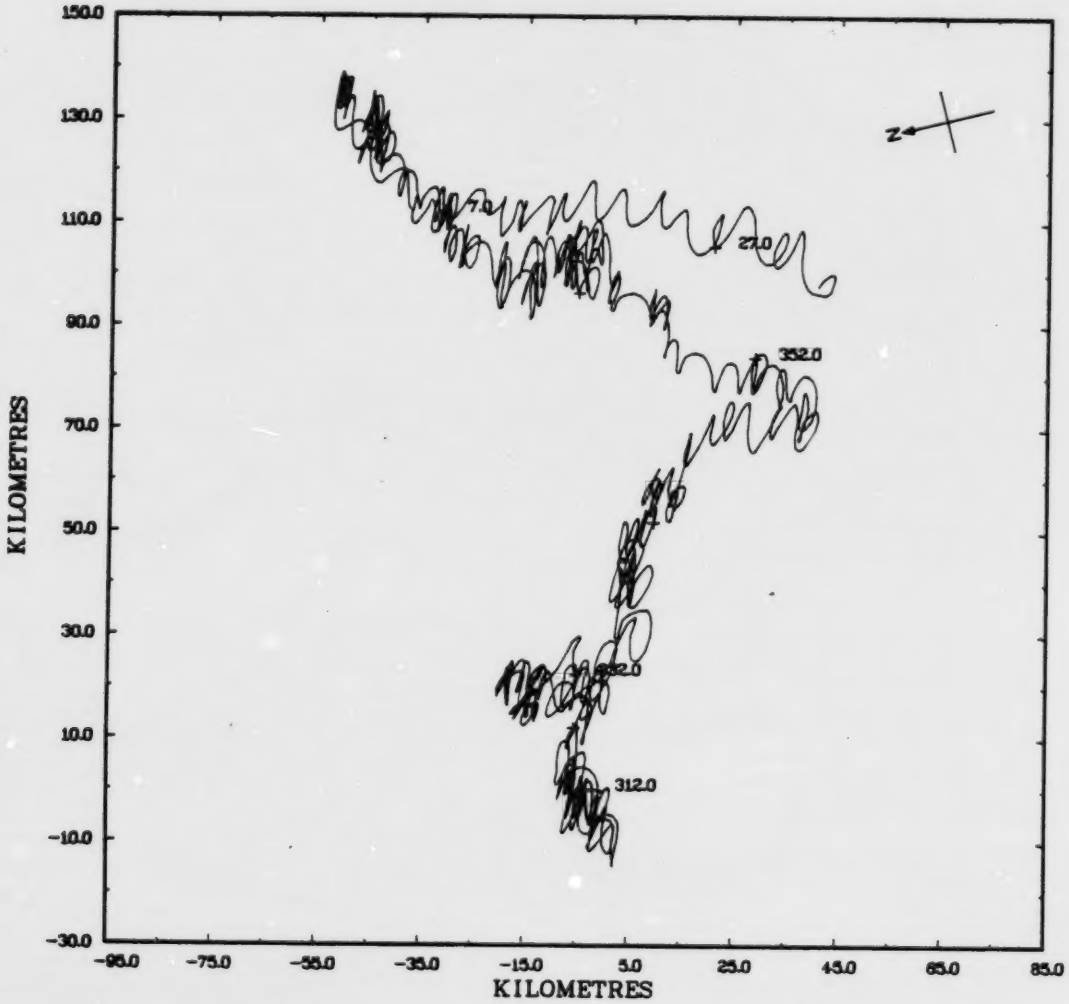
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40	4	*										.1		
1.20 TO	1.30	6	*										.1		
1.10 TO	1.20	8	*										.2		
1.00 TO	1.10	31	*									.0	.7		
.90 TO	1.00	66	*				.1						1.5		
.80 TO	.90	170	*				.8	.0				.0	3.3		
.70 TO	.80	263	*				1.3	.2				.3	4.6	.0	
.60 TO	.70	377	*			.0	2.7	.2				.7	5.6	.1	
.50 TO	.60	484	*			.1	4.5	.8	.0			.9	5.4	.1	
.40 TO	.50	607	*			.5	5.5	1.3				1.3	5.7	.6	
.30 TO	.40	627	*		.0	1.3	5.7	1.6	.3	.0	.1	1.4	3.9	1.0	
.20 TO	.30	656	*	.1	.2	1.5	3.8	2.5	.9	.4	.8	2.1	2.5	1.2	.2
.10 TO	.20	591	*	.4	.9	1.5	1.4	1.4	1.4	1.0	1.2	1.3	1.3	1.7	1.0
-.00 TO	.10	186	*	.4	.6	.4	.2	.3	.8	.4	.6	.1	.0	.2	.5
OUT OF RANGE		0	0												
SUB TOTAL		4074	0	36	72	217	1059	340	137	74	111	332	1430	200	68

JOINT DISTRIBUTION (PERCENT)

T(307., 50.M.) VS S(307., 50.M.)

PPT.	DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50	401	*			.1	.2	6.6	2.9				
32.50 TO	33.00	1098	*			4.3	5.6	15.3	1.7				
32.00 TO	32.50	1060	*		7.3	10.1	1.0	7.4	.2				
31.50 TO	32.00	1021	*	1.4	18.2	3.4	.2	1.7	.0				
31.00 TO	31.50	496	*	4.9	7.2	.0		.0					
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		4076	0	258	1337	733	284	1266	198				

STN. 307, 100 M.



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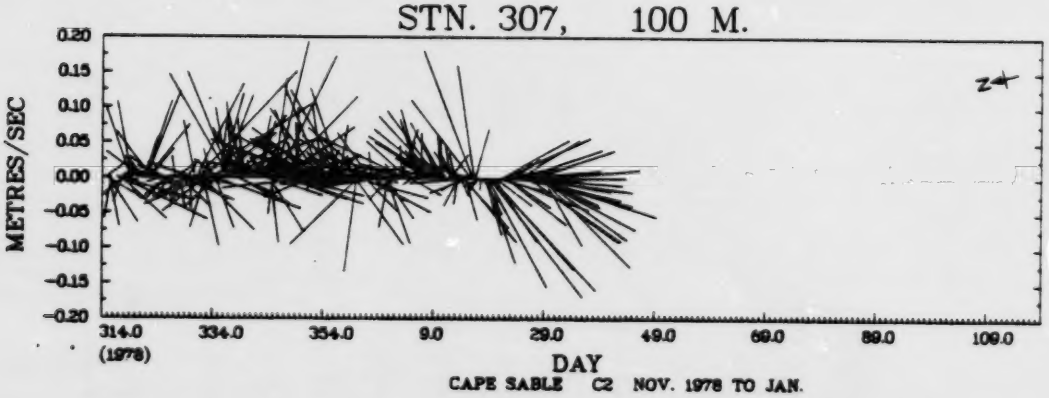
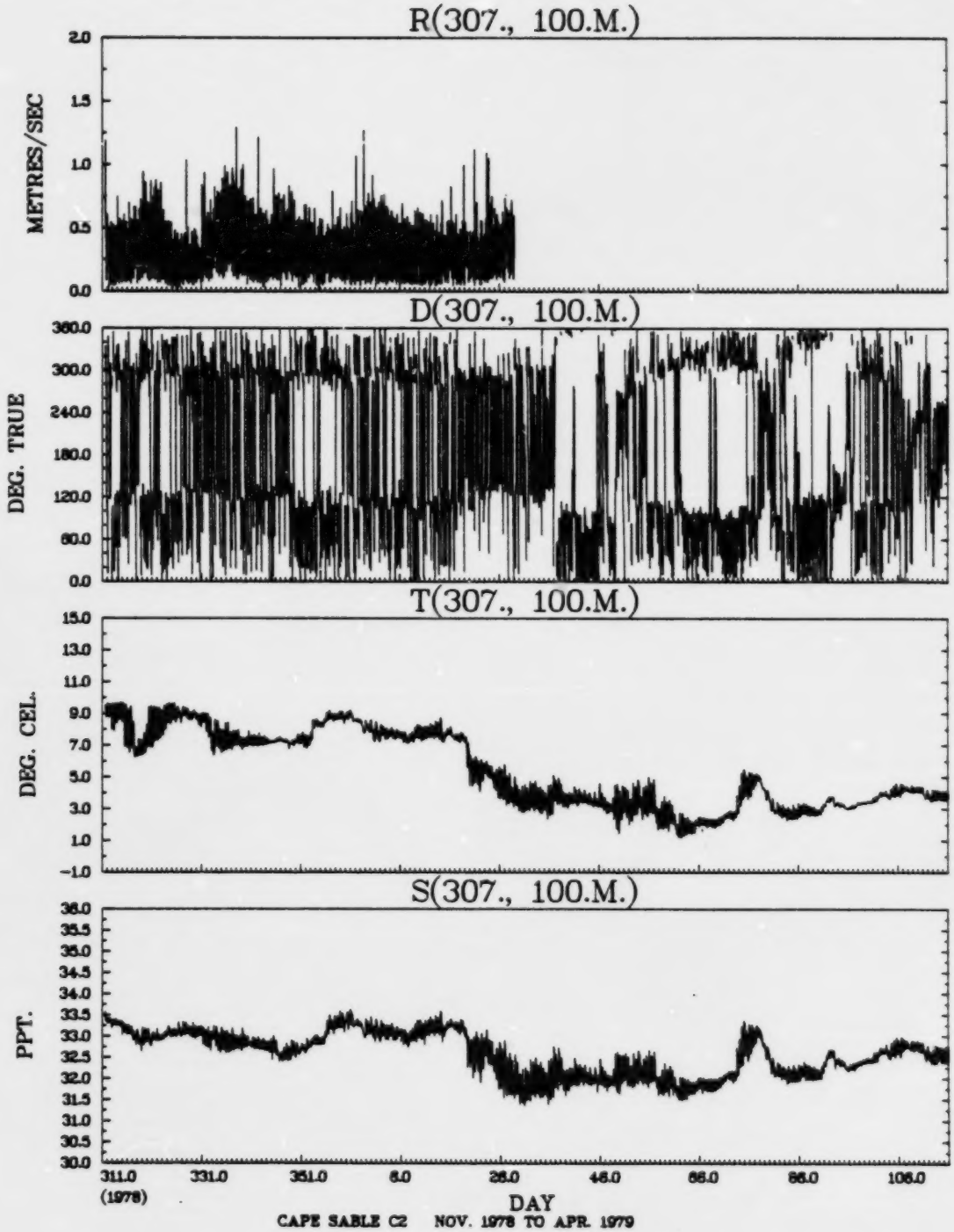
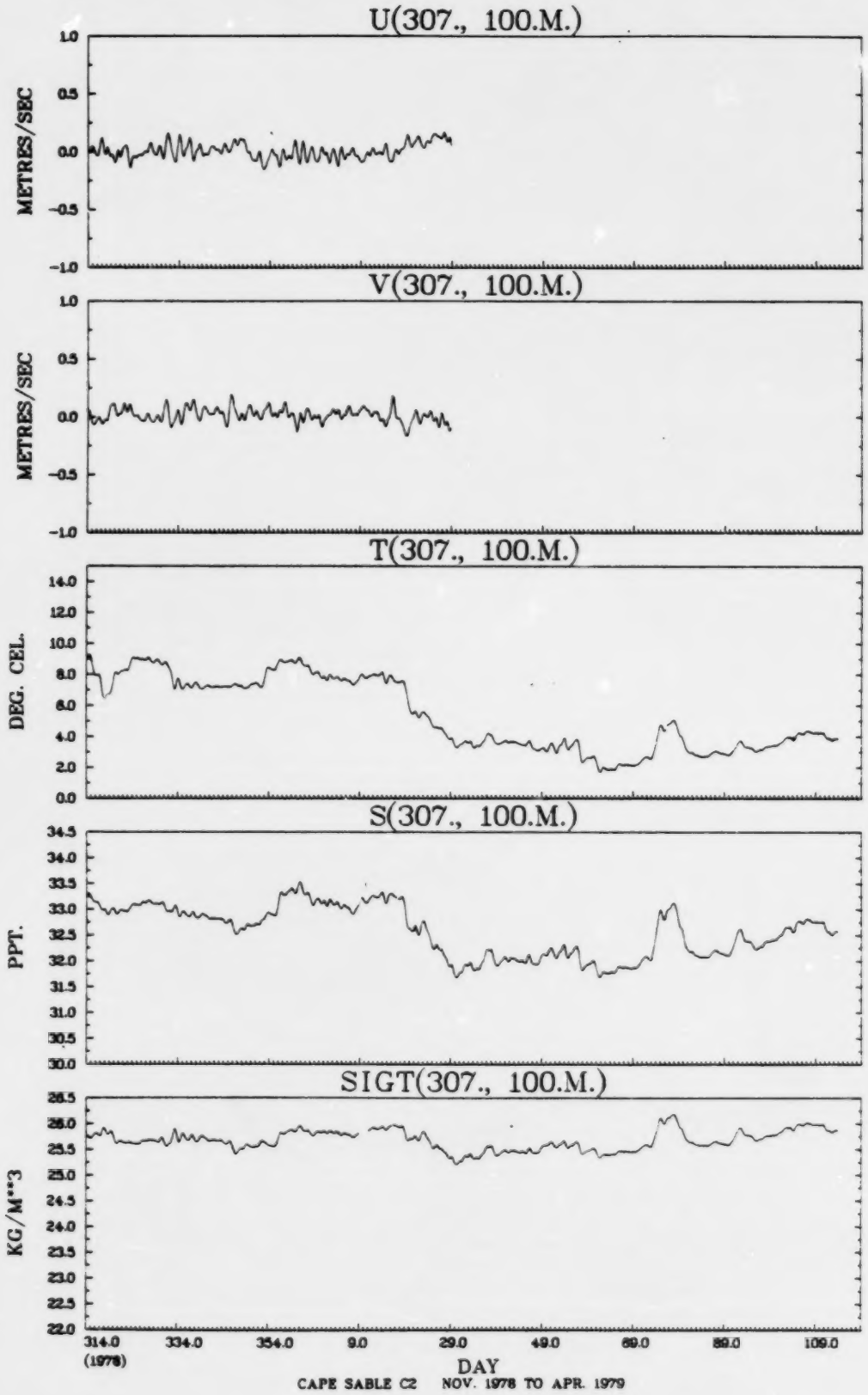


CAPE SABLE C2 NOV. 1978 TO JAN.

Rotor lost on day 29 (1979)



Rotor lost on day 29 (1979)



Rotor lost on day 29 (1979)

JOINT DISTRIBUTION (PERCENT)

D(307., 100.M.) VS R(307., 100.M.)

DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00	7	*				.2	.1					.1		
.80 TO	.90	12	*				.2	.4					.1		
.70 TO	.80	36	*				.8	.8					.2	.1	
.60 TO	.70	112	*				1.6	2.1	.1				1.4	.4	.1
.50 TO	.60	212	*		.1	.1	2.9	2.3	.2			.1	3.8	1.3	.1
.40 TO	.50	401	*			.5	5.0	4.2	.3			.2	6.3	3.6	.3
.30 TO	.40	388	*	.4	.3	.8	3.8	3.2	.5	.3	.1	.2	5.6	3.9	.7
.20 TO	.30	353	*	.7	.6	1.7	2.4	2.2	1.1	.2	.3	1.0	4.4	2.2	1.2
.10 TO	.20	345	*	.7	1.1	1.9	2.0	1.5	1.3	.6	1.2	1.7	2.6	1.7	1.2
-.00 TO	.10	111	*	.4	.3	.5	.6	.4	.6	.4	.8	.5	.5	.4	.4
OUT OF RANGE		0	0												
SUB TOTAL		1977	0	42	47	107	382	339	76	29	46	73	493	269	76

JOINT DISTRIBUTION (PERCENT)

T(307., 100.M.) VS S(307., 100.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00	24	*					.1	.4				
33.00 TO	33.50	1064	*			.4	3.1	18.8	3.8				
32.50 TO	33.00	1268	*			11.4	4.2	15.0	.5				
32.00 TO	32.50	1017	*		5.8	18.1	.7	.4					
31.50 TO	32.00	696	*		10.3	6.8							
31.00 TO	31.50	8	*		.2								
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		4077	0		663	1496	326	1400	192				

TABLE 11

MOORING SUMMARY, CRUISE 79-007

Station	Latitude	Longitude	Instrument Number, Type*		Depth	Sounding	Comments
C1(309)	43° 10.58'N	65° 43.14'W	495	V	15	60	Mooring broke free on day 277 (1979).
			816	A	16	60	Mooring broke free on day 277 (1979). Conductivity cell is questionable.
C1(309)	43° 10.52'N	65° 43.41'W	4158	A	30	60	Record is short, ends on day 185 (1979). Full tape was not installed when moored.
			217	A	50	60	Rotor fouled with fish net Rate and direction bad after day 261 (1979).
C2(310)	43° 02.47'N	65 46.00'W	497	V	18	113	
			1283	A	19	113	
C2(310)	43° 02.45'N	65° 45.83'W	4154	A	53	113	
			3584	A	103	113	Rotor lost on day 273 (1979).
C3(311)	42° 50.00'N	65° 50.10'W	1286	A	13	108	Record is short, ends on day 162 (1979). Picked up by dragger.
C3(311)	42° 50.05'N	65° 50.13'W	4200	A	48	108	
			3300	A	98	108	Data cut short by 17 hours during processing.

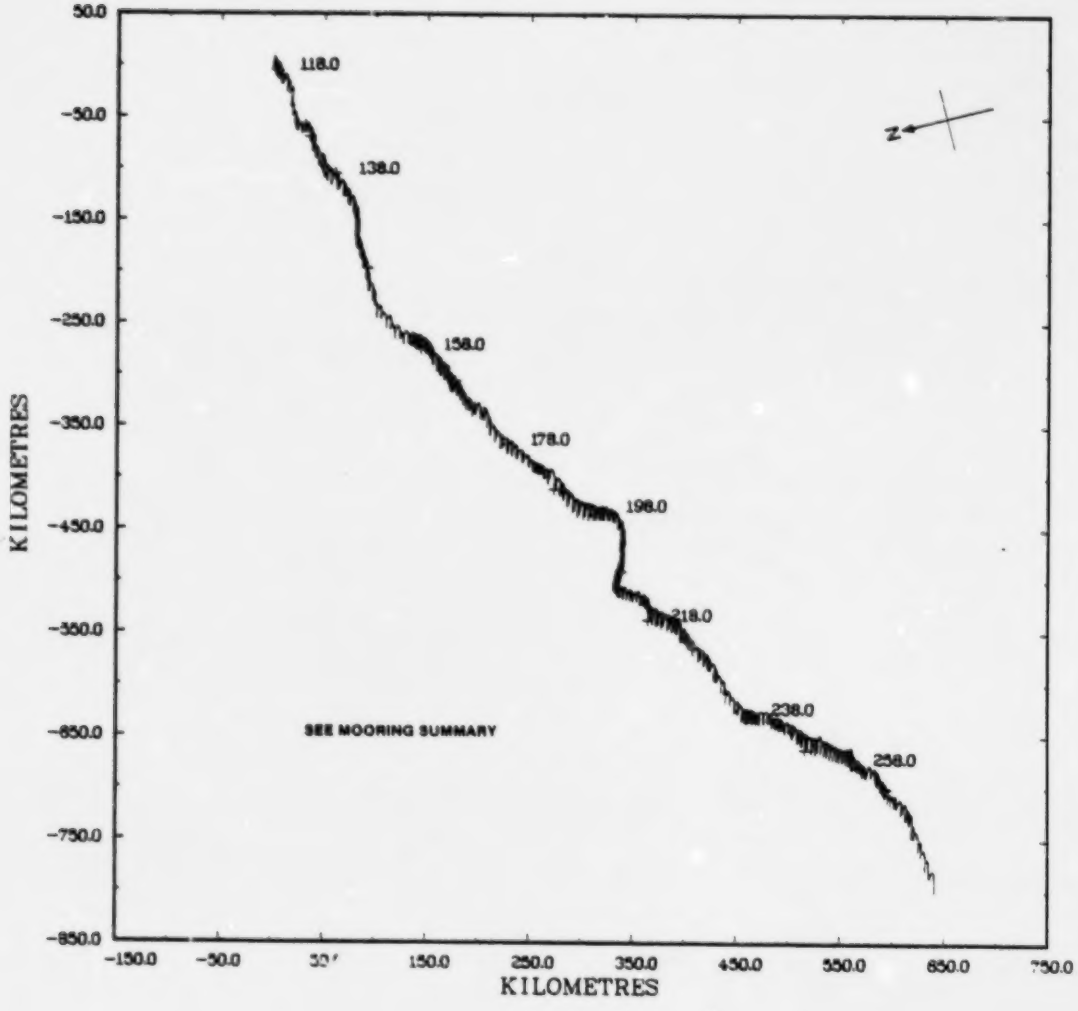
TABLE 11 (Continued)

Station	Latitude	Longitude	Instrument Number, Type*		Depth	Sounding	Comments
C4(326)	42° 34.00'N		2664	A	14	109	Data cut short by 12 hours during processing.
C4(326)	42° 33.82'N	65° 55.63'W	4196	A	49	109	
			1607	A	99	109	Rotor lost on day 189 (1979).
C5(340)	43° 34.42'N	65° 06.48'W	822	A	16	61	Record was short 140 cycles were added where the instrument appeared to have dropped them.
C5(340)	43° 34.30'N	65° 05.80'W	4155	A	31	61	
			3307	A	51	61	Salinity is good at the beginning but has a drift of -0.5°/oo by the end of the record.
C6(341)	43° 29.52'N	65° 02.35'W	1899	A	18	113	A large drop in temperature and salinity from day 210 to day 249 (1979). Bad data.
C6(341)	43° 29.50'N	65° 02.00'W	4197	A	53	113	
			3197	A	103	113	

* A = Aanderaa Current Meter

V = VACM Current Meter

STN. 309, 15 M.



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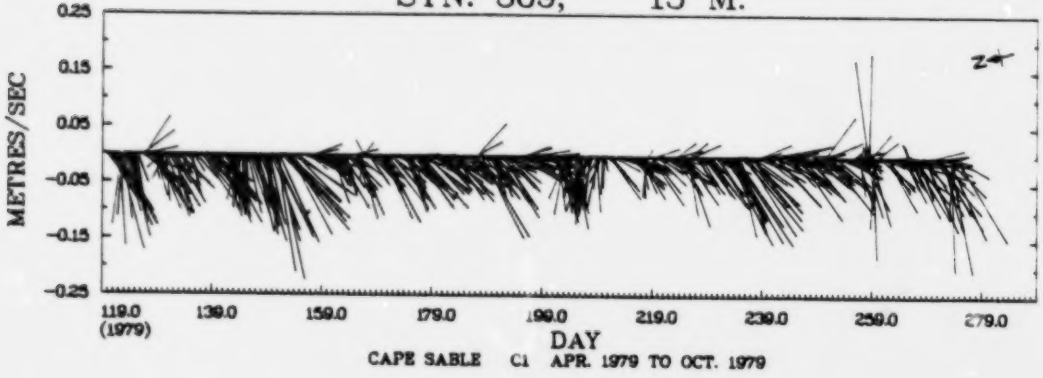
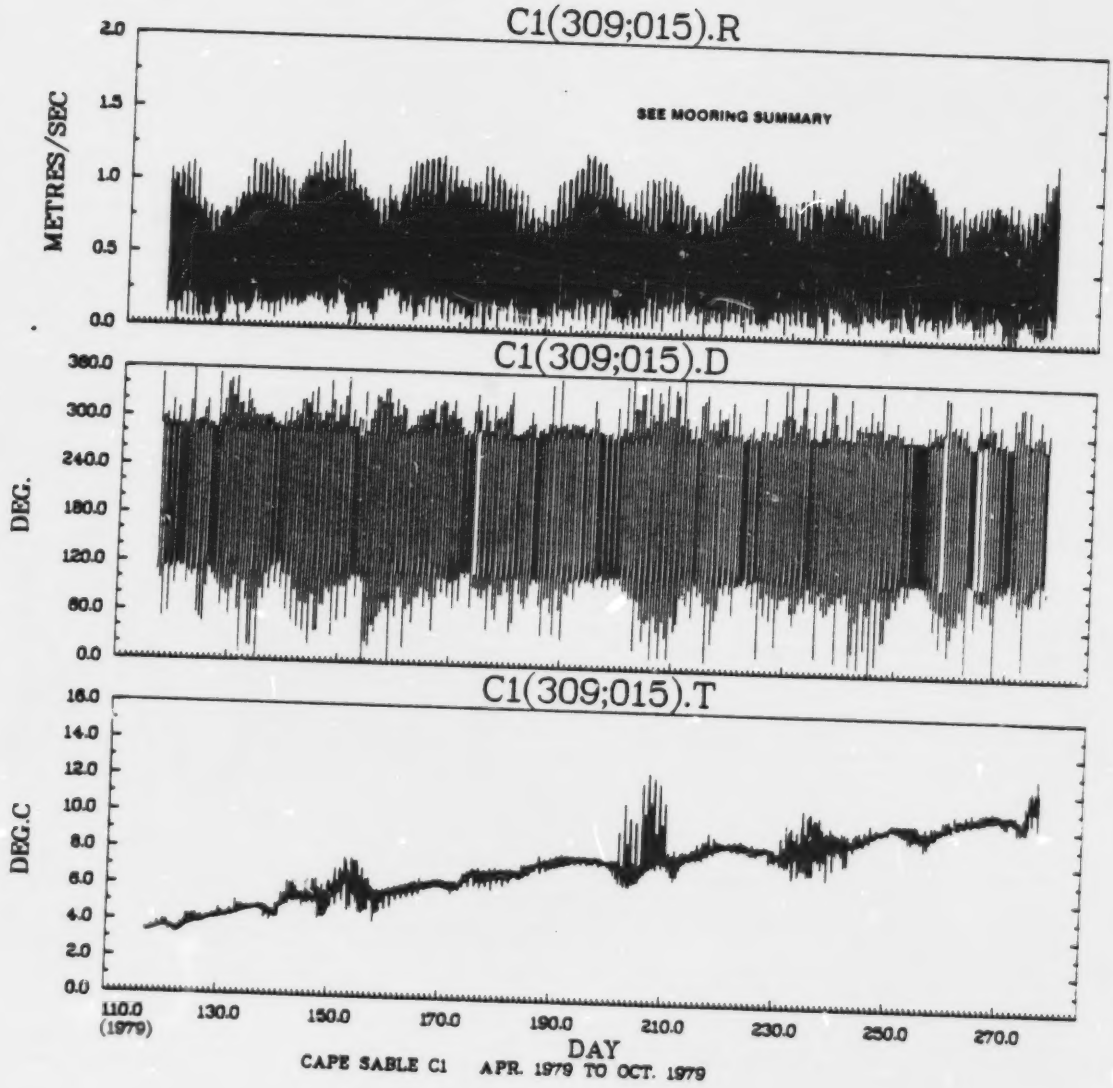
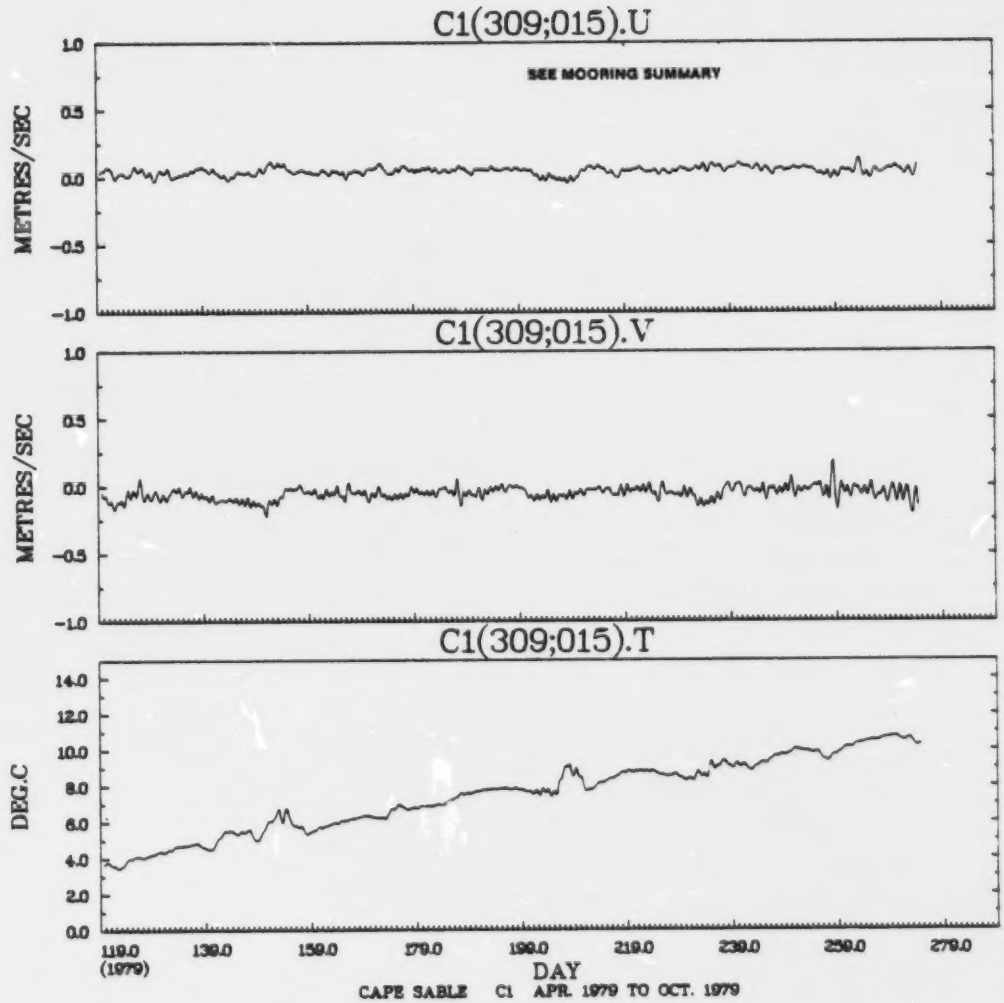


CAPE SABLE C1 APR. 1979 TO OCT. 1979



CAPE SABLE C1 APR. 1979 TO OCT. 1979



CAPE SABLE C1 APR. 1979 TO OCT. 1979

JOINT DISTRIBUTION (PERCENT)

C1(309:015).D VS C1(309:015).R

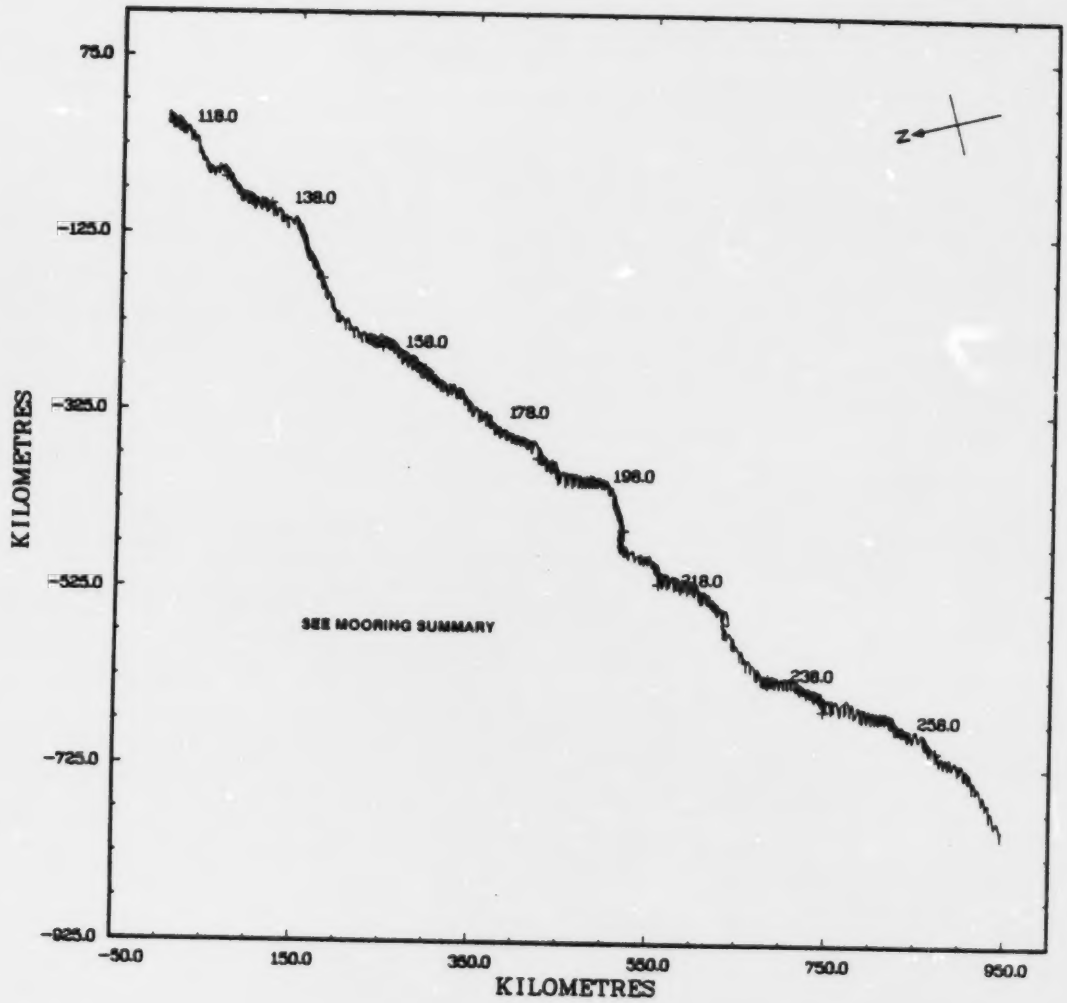
DEG. / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30	14	*				.1						.2		
1.10 TO	1.20	80	*				.8						1.3		
1.00 TO	1.10	173	*				1.9	.1					2.5		
.90 TO	1.00	296	*			.0	3.2	.2				.0	4.3		
.80 TO	.90	477	*			.1	4.6	.9				.0	6.8		
.70 TO	.80	464	*			.1	3.5	1.6				.1	6.8	.1	
.60 TO	.70	449	*			.1	3.9	1.6				.3	5.6	.2	
.50 TO	.60	392	*			.1	3.1	1.7	.1			.6	4.2	.4	
.40 TO	.50	350	*	.0	.0	.3	2.1	1.8	.2		.1	.9	3.0	.7	
.30 TO	.40	413	*		.1	.7	2.3	1.8	.6	.1	.2	1.5	2.3	1.1	.1
.20 TO	.30	335	*	.1	.2	.9	1.1	.8	.9	.7	.9	.9	.9	1.1	.3
.10 TO	.20	290	*	.4	.4	.9	.6	.5	.9	.7	.6	.5	.4	1.0	.7
-.00 TO	.10	111	*	.2	.3	.1	.3	.2	.2	.2	.2	.2	.3	.3	.3
OUT OF RANGE		0	0												
SUB TOTAL		3844	0	27	41	125	1055	429	106	67	75	196	1484	188	51

HISTOGRAM OF C1(309;015).T DEG.C

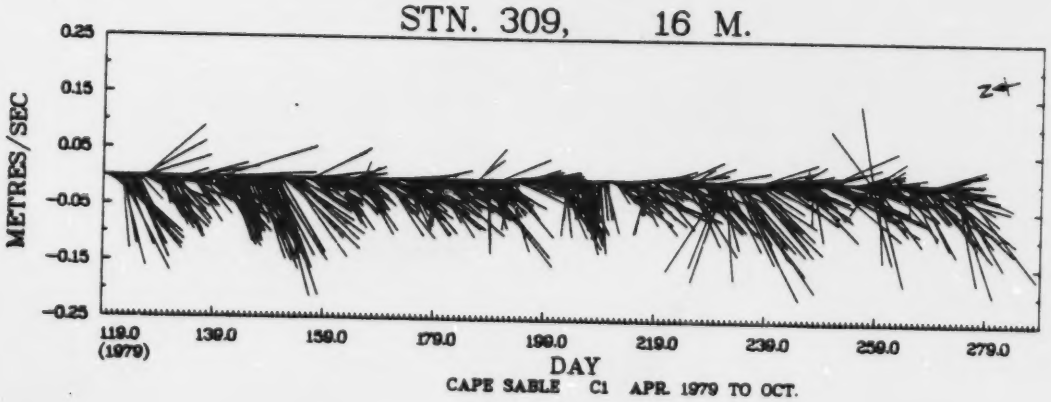
BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT
-2.00	-1.50	0	0.0
-1.50	-1.00	0	0.0
-1.00	-.50	0	0.0
-.50	0.00	0	0.0
0.00	.50	0	0.0
.50	1.00	0	0.0
1.00	1.50	0	0.0
1.50	2.00	0	0.0
2.00	2.50	0	0.0
2.50	3.00	0	0.0
3.00	3.50	50	1.3
3.50	4.00	159	4.1
4.00	4.50	205	5.3
4.50	5.00	222	5.8
5.00	5.50	168	4.4
5.50	6.00	219	5.7
6.00	6.50	302	7.9
6.50	7.00	232	6.0
7.00	7.50	279	7.3
7.50	8.00	407	10.6
8.00	8.50	236	6.1
8.50	9.00	334	8.7
9.00	9.50	225	5.9
9.50	10.00	283	7.4
10.00	10.50	275	7.2
10.50	11.00	189	4.9
11.00	11.50	27	.7
11.50	12.00	19	.5
12.00	12.50	11	.3
12.50	13.00	2	.1
13.00	13.50	0	0.0
13.50	14.00	0	0.0
14.00	14.50	0	0.0
14.50	15.00	0	0.0
15.00	15.50	0	0.0
15.50	16.00	0	0.0
16.00	16.50	0	0.0
16.50	17.00	0	0.0
17.00	17.50	0	0.0
17.50	18.00	0	0.0
18.00	18.50	0	0.0
18.50	19.00	0	0.0
19.00	19.50	0	0.0
19.50	20.00	0	0.0

TOTAL NO. OF SAMPLES 3844
OUTSIDE RANGE 0

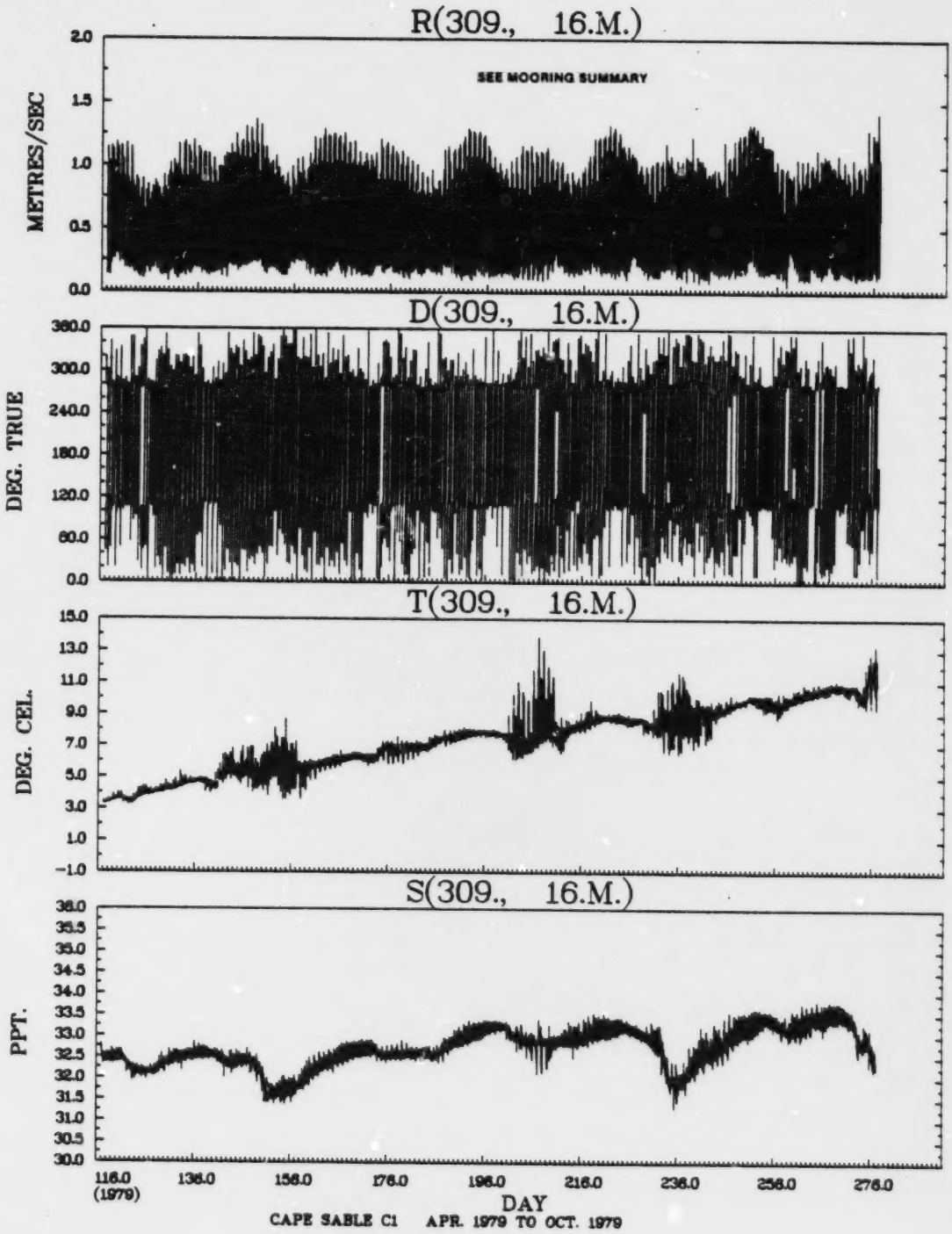
STN. 309, 16 M.

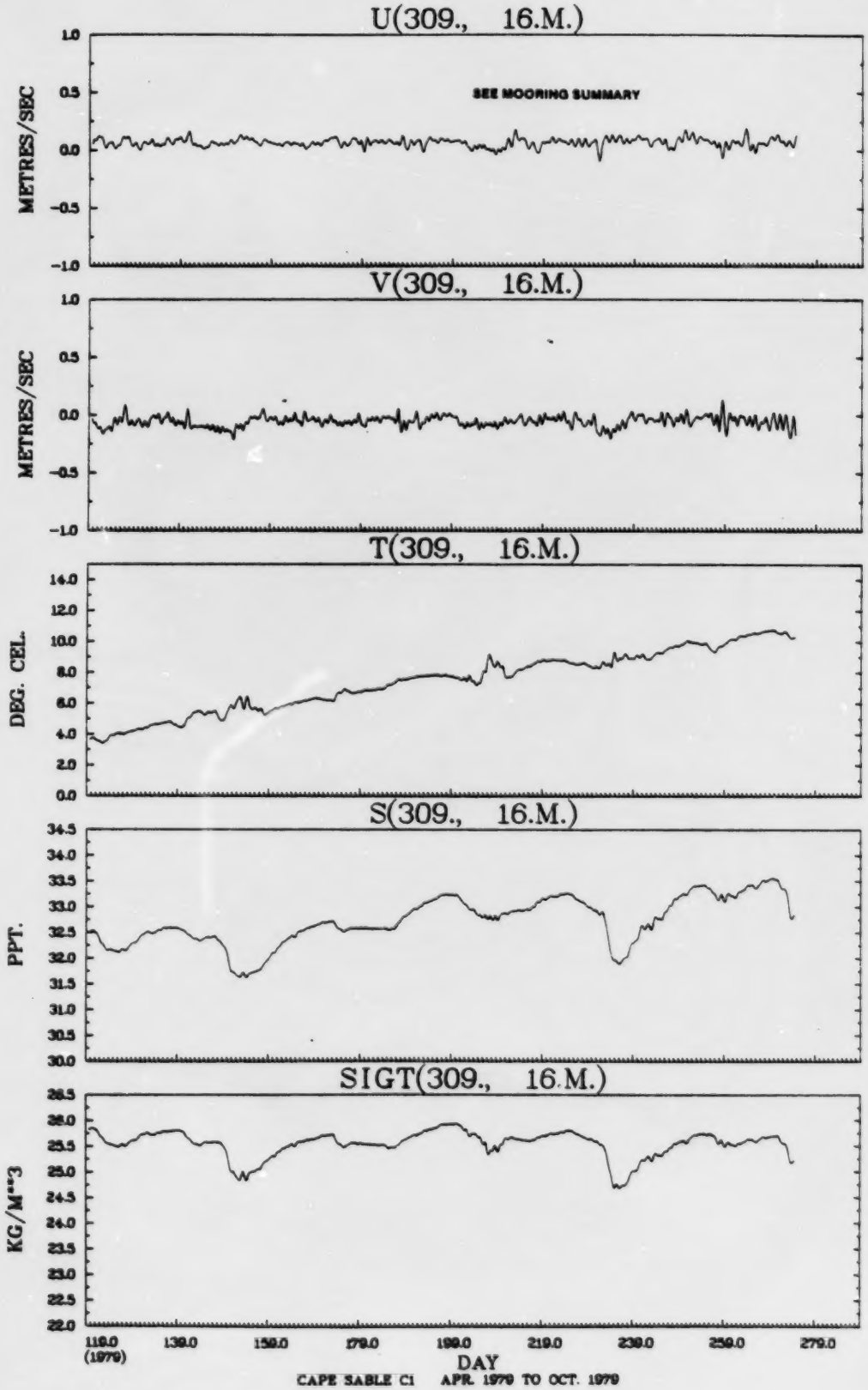


STN. 309, 16 M.



CAPE SABLE C1 APR. 1979 TO OCT.


R(309., 16.M.)
SEE MOORING SUMMARY
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(309., 16.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(309., 16.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(309., 16.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
116.0
(1979)
136.0
156.0
176.0
196.0
216.0
236.0
256.0
276.0
DAY
CAPE SABLE C1 APR. 1979 TO OCT. 1979


U(309., 16.M.)
METRES/SEC
SEE MOORING SUMMARY
V(309., 16.M.)
METRES/SEC
T(309., 16.M.)
DEG. CEL.
S(309., 16.M.)
PPT.
SIGT(309., 16.M.)
KG/M**3
119.0
(1979)
139.0
159.0
179.0
199.0
219.0
239.0
259.0
279.0
DAY
CAPE SABLE C1 APR. 1979 TO OCT. 1979

JOINT DISTRIBUTION (PERCENT)

D(309.0 16.M.) VS R(309.0 16.M.)

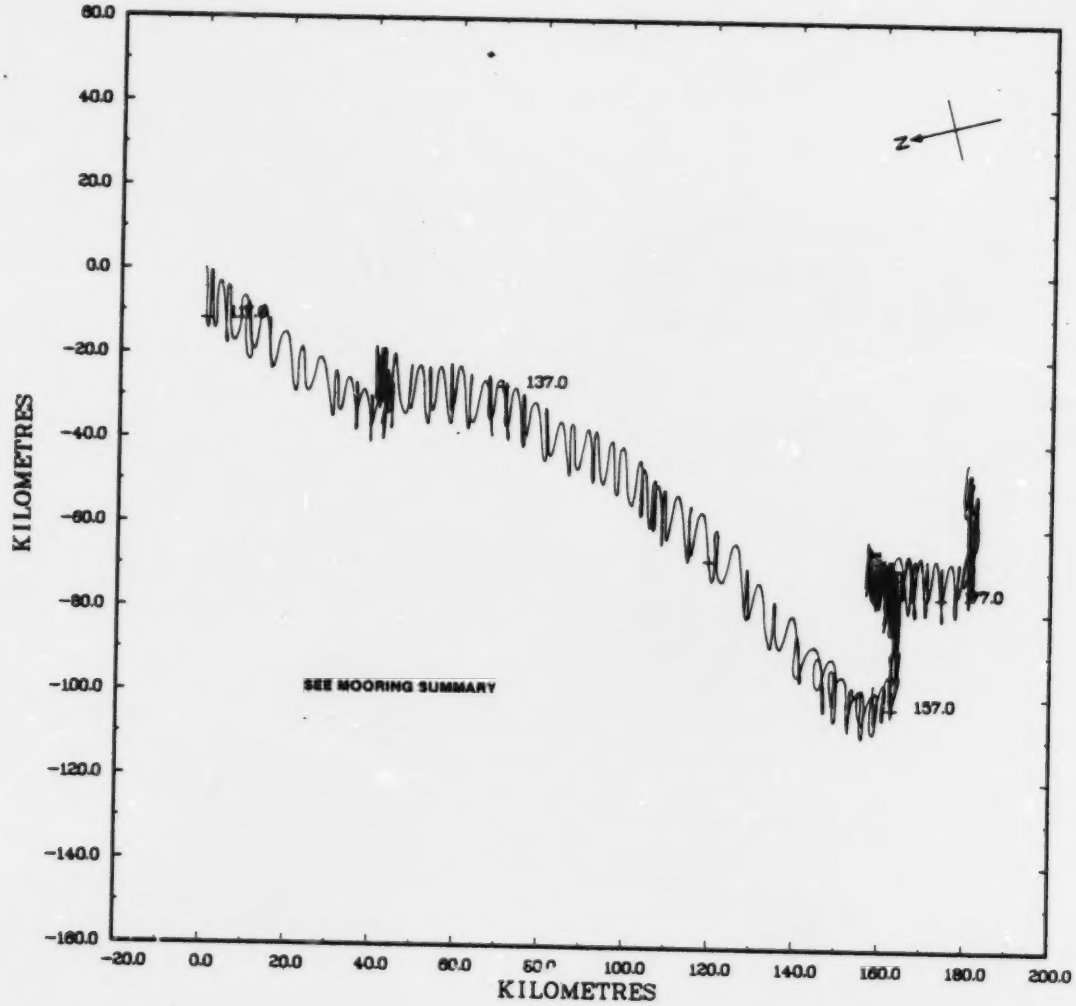
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40	3	*				.0						.1		
1.20 TO	1.30	31	*				.3						.5		
1.10 TO	1.20	84	*				.9						1.3		
1.00 TO	1.10	192	*			.1	1.9	.1				.0	3.0		
.90 TO	1.00	344	*		.0	.1	3.8	.2				.1	4.7		
.80 TO	.90	399	*			.1	4.1	.3	.0			.3	5.5		
.70 TO	.80	484	*		.0	.2	4.8	.7				.9	6.1	.0	
.60 TO	.70	391	*	.0	.0	.1	3.1	1.3	.1		.1	1.0	4.4	.1	
.50 TO	.60	381	*		.1	.4	3.1	1.1		.1	.1	1.3	3.6	.2	
.40 TO	.50	407	*	.0	.0	.5	3.0	1.8	.2	.1	.2	1.6	2.9	.4	
.30 TO	.40	341	*	.1	.2	.8	1.3	1.6	.5	.2	.5	1.6	1.5	.7	.0
.20 TO	.30	436	*	.1	.4	1.2	.6	1.5	1.2	1.0	1.2	1.7	1.0	1.2	.3
.10 TO	.20	297	*	.6	.9	.9	.3	.5	.8	.6	.6	.6	.3	.8	.8
-.00 TO	.10	55	*	.3	.1	.1	.1	.1	.1	.3	.1	.0	.0	.1	.3
OUT OF RANGE		0	0												
SUB TOTAL		3845	0	41	68	165	1046	348	114	84	100	352	1339	135	53

JOINT DISTRIBUTION (PERCENT)

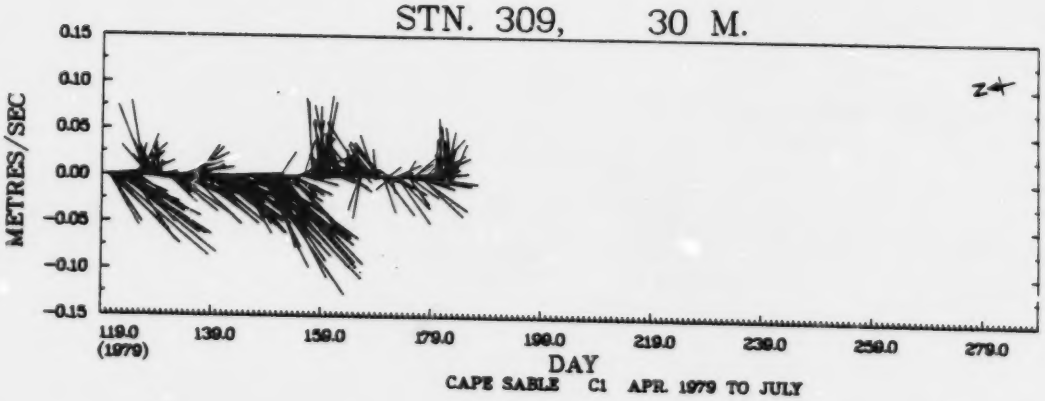
T(309., 16.M.) VS S(309., 16.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00	137	*					.0	3.5	.0			
33.00 TO	33.50	1046	*				.2	13.8	13.0	.2			
32.50 TO	33.00	1424	*			5.6	10.7	14.8	5.2	.7			
32.00 TO	32.50	964	*			10.7	8.6	3.1	2.3	.3			
31.50 TO	32.00	270	*			1.0	4.4	.5	1.1				
31.00 TO	31.50	4	*					.1					
30.50 TO	30.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3845	0			667	920	1244	966	48			

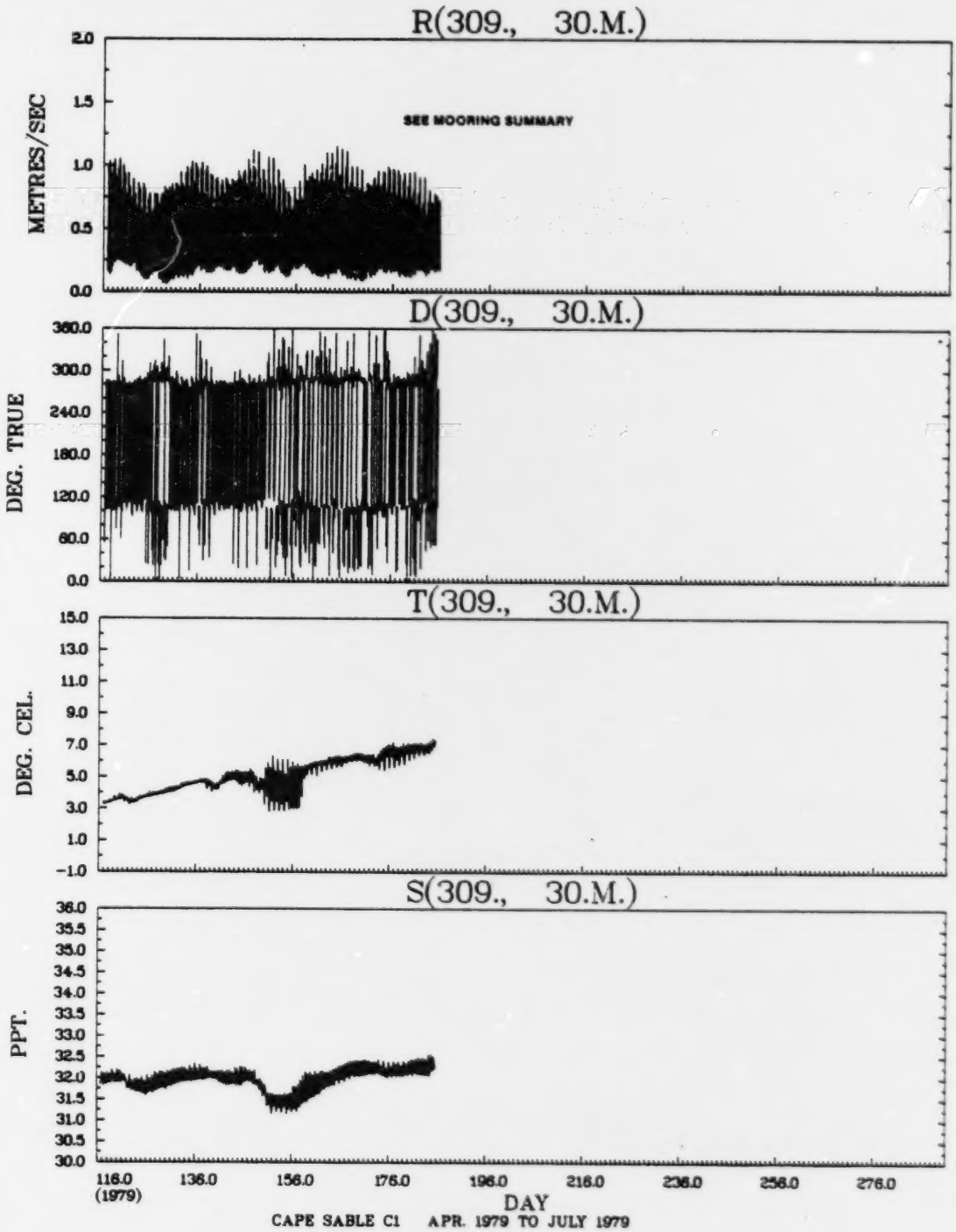
STN. 309, 30 M.



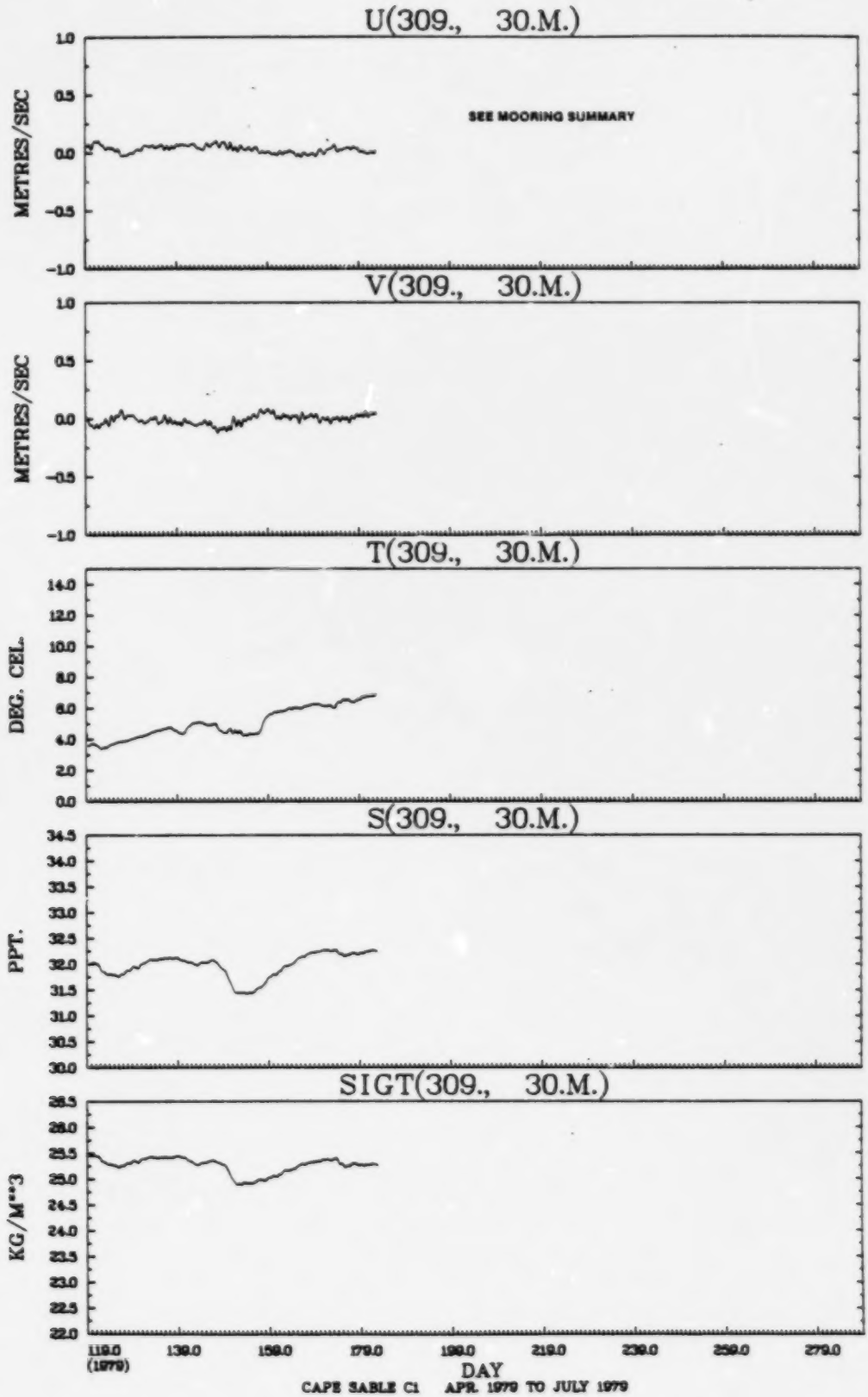
STN. 309, 30 M.



CAPE SABLE C1 APR. 1979 TO JULY



CAPE SABLE C1 APR. 1979 TO JULY 1979



CAPE SABLE C1 APR. 1979 TO JULY 1979

JOINT DISTRIBUTION (PERCENT)

D(309., 30.M.) VS R(309., 30.M.)

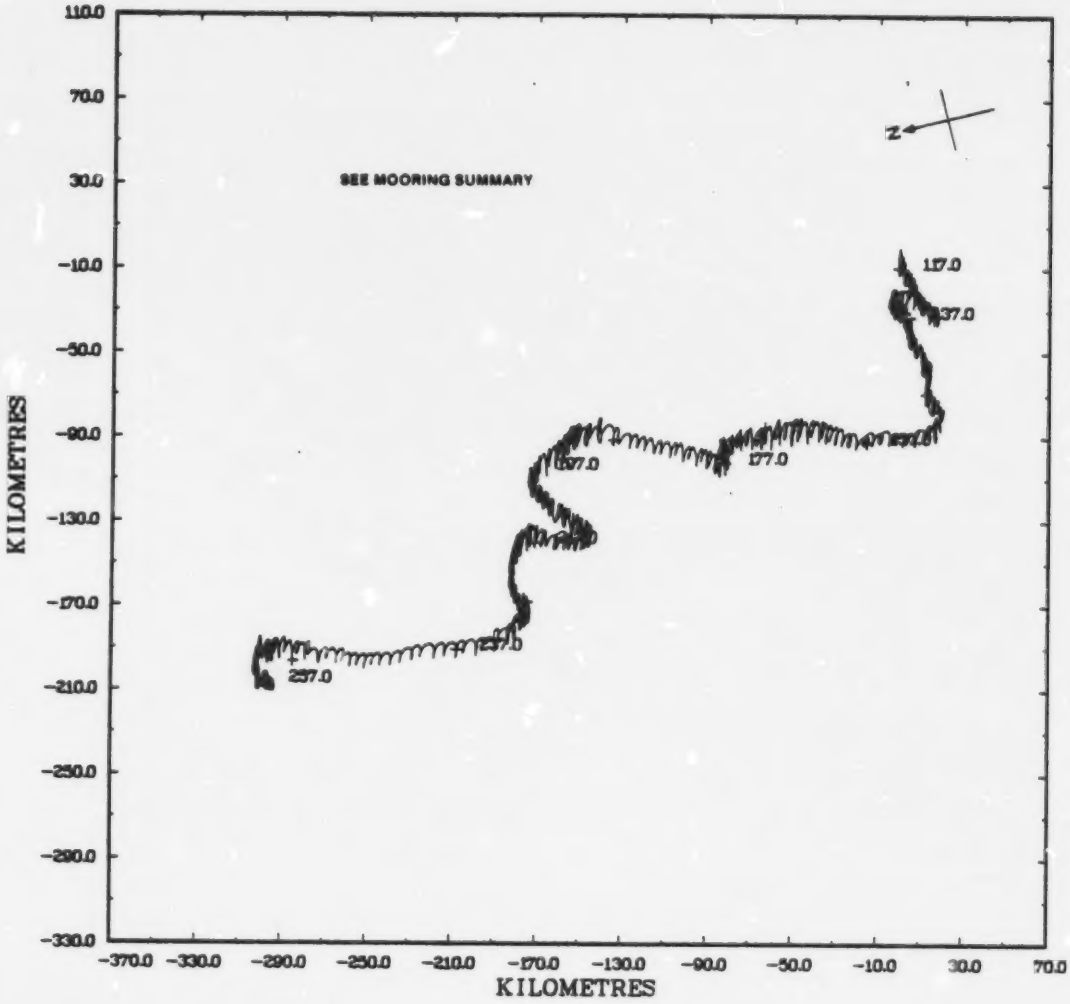
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20	1	*				.1								
1.00 TO	1.10	14	*				.4						.4		
.90 TO	1.00	75	*				2.2						2.4		
.80 TO	.90	149	*				4.6						4.4		
.70 TO	.80	217	*				7.2					.1	5.9		
.60 TO	.70	208	*				5.8	.2				.1	6.5		
.50 TO	.60	216	*				5.8	.5					6.8		
.40 TO	.50	180	*				4.1	.7				.4	5.8		
.30 TO	.40	184	*			.1	3.8	1.4	.1			1.1	4.6	.1	
.20 TO	.30	181	*		.1	.5	1.9	2.5	.2	.2	.4	2.1	1.7	1.3	
.10 TO	.20	163	*	.4	.4	.6	.7	1.2	.7	1.5	1.1	1.0	.5	1.4	.4
-.00 TO	.10	64	*	.4	.6	.2	.1	.1	.5	.5	.7	.2		.1	.6
OUT OF RANGE		0	0												
SUB TOTAL		1652	0	13	18	24	602	110	25	36	35	80	644	48	17

JOINT DISTRIBUTION (PERCENT)

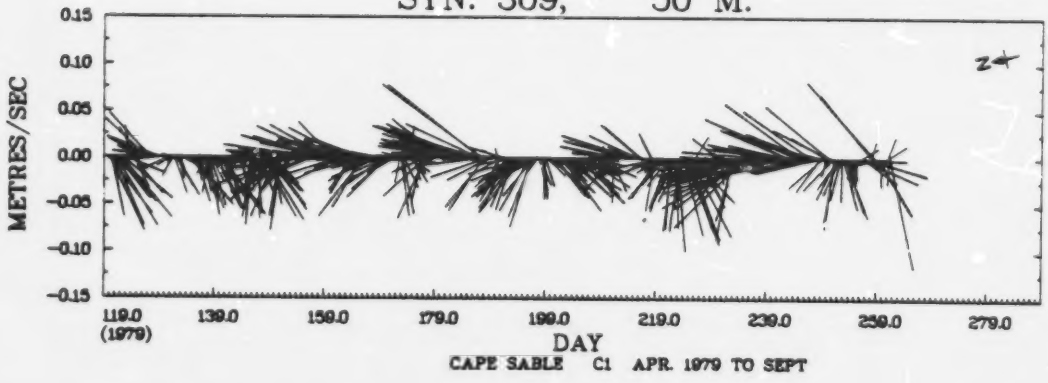
T(309., 30.M.) VS S(309., 30.M.)

DEG. CEL. PPT.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	4	*				.2						
32.00 TO	32.50	910	*			21.1	30.0	4.1					
31.50 TO	32.00	622	*		.5	26.6	10.5						
31.00 TO	31.50	116	*			2.4	4.6						
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		1652	0		9	828	748	67					

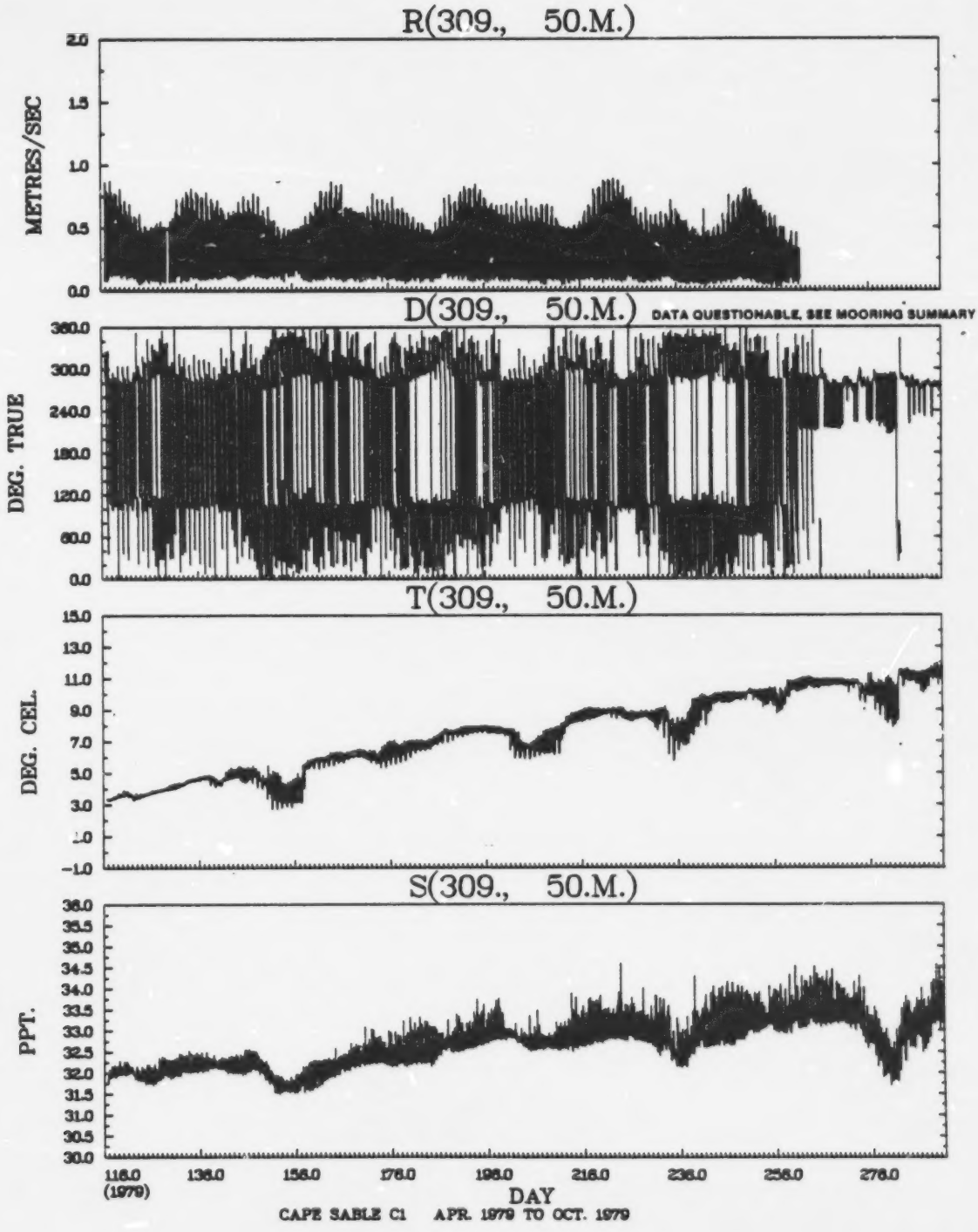
STN. 309, 50 M.

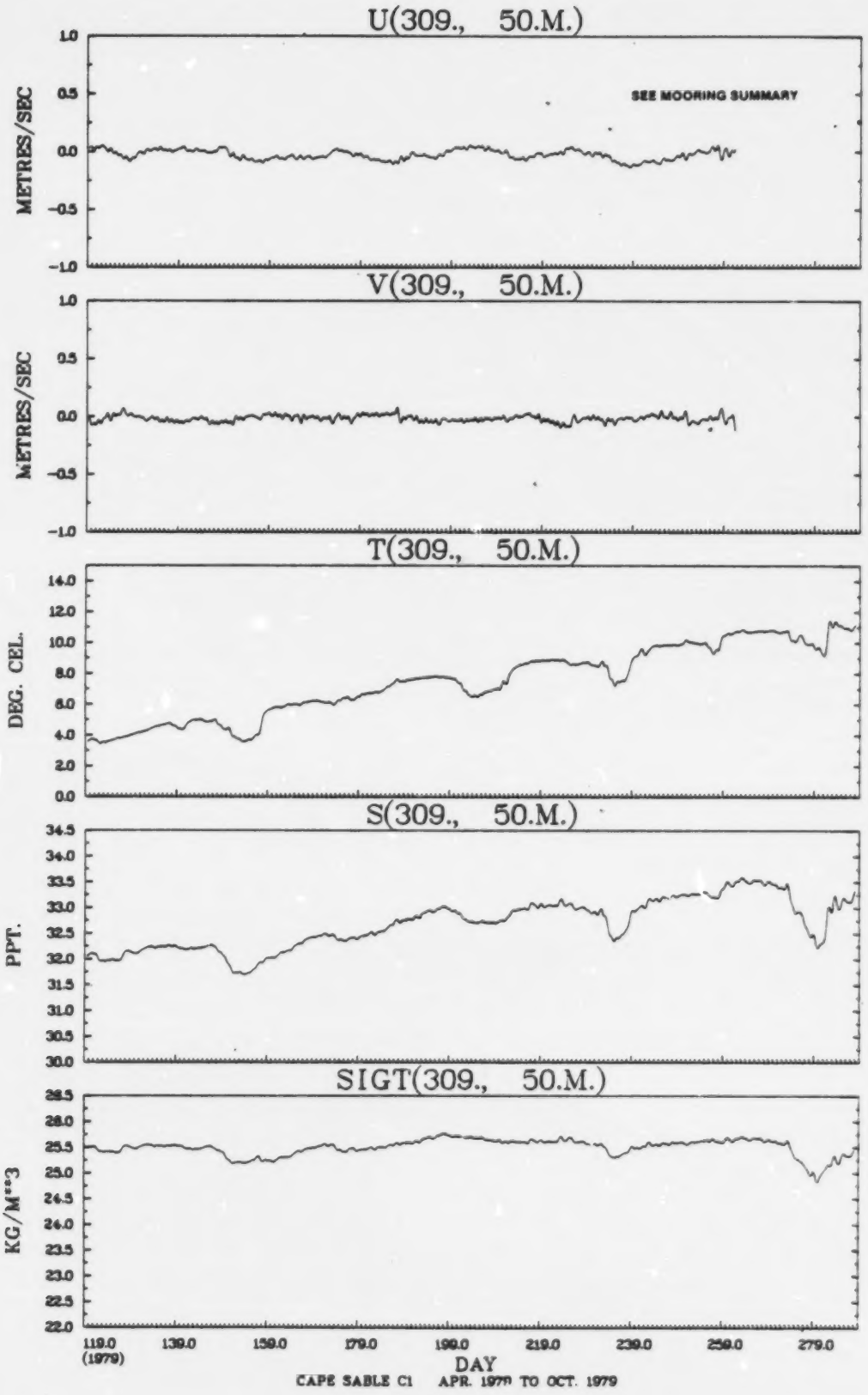


STN. 309, 50 M.



CAPE SABLE C1 APR. 1979 TO SEPT


R(309., 50.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(309., 50.M.)
DATA QUESTIONABLE, SEE MOORING SUMMARY
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(309., 50.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(309., 50.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
116.0
(1979)
136.0
156.0
176.0
196.0
216.0
236.0
256.0
276.0
DAY
CAPE SABLE C1 APR. 1979 TO OCT. 1979


U(309., 50.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
SEE MOORING SUMMARY
V(309., 50.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(309., 50.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(309., 50.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(309., 50.M.)
KG/M**3
28.5
28.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
119.0
(1979)
139.0
159.0
179.0
199.0
219.0
239.0
259.0
279.0
DAY
CAPE SABLE C1 APR. 1979 TO OCT. 1979

JOINT DISTRIBUTION (PERCENT)

D(309., 50.M.) VS R(309., 50.M.)

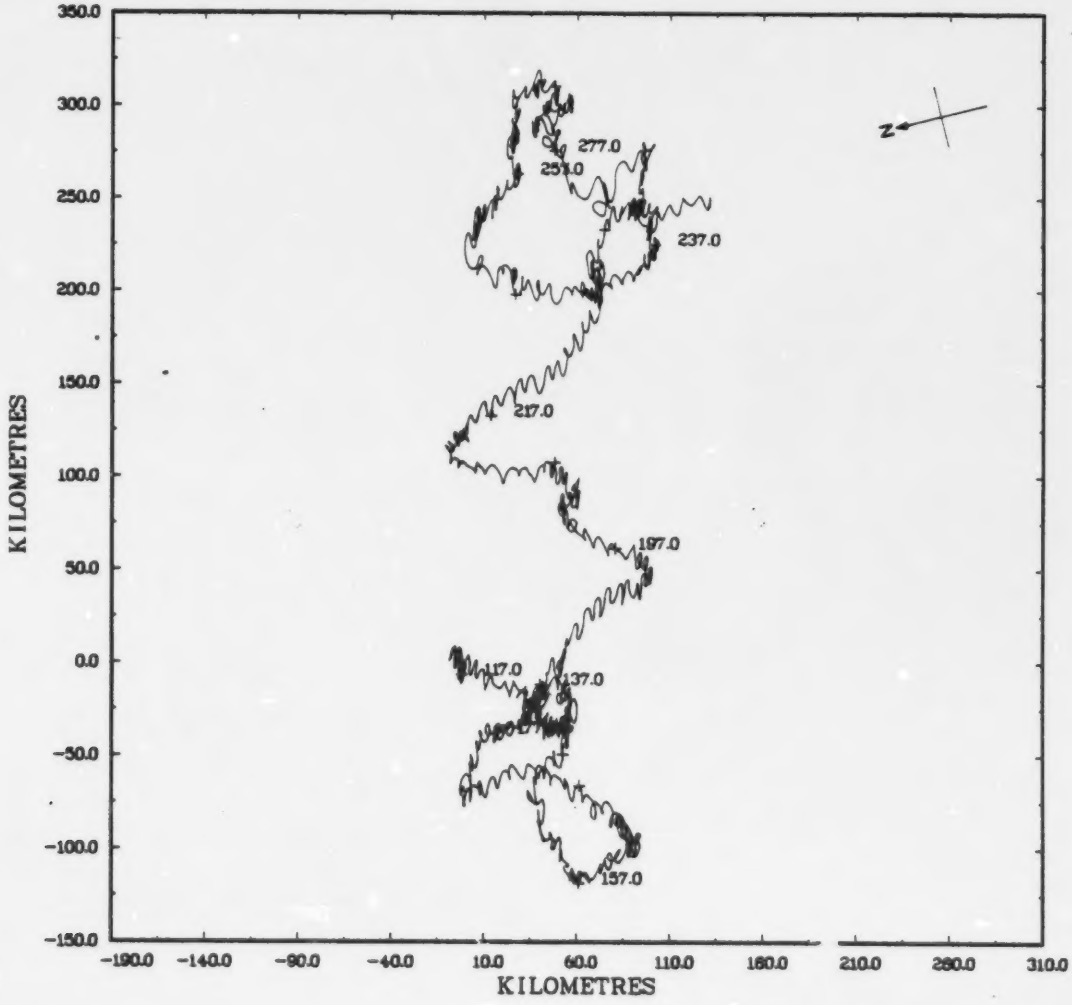
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90	13	*				.1						.3		
.70 TO	.80	105	*				1.2						1.9		
.60 TO	.70	286	*				3.0						5.1	.1	
.50 TO	.60	568	*				7.4	.2				.0	7.5	1.2	
.40 TO	.50	745	*			.4	10.1	.9				.0	5.4	4.3	.2
.30 TO	.40	570	*	.1	.1	.7	5.4	1.8		.1	.0	.4	4.6	2.6	.7
.20 TO	.30	522	*	.6	.4	1.2	3.5	2.2	.2	.1	.1	.8	3.2	2.0	.7
.10 TO	.20	489	*	.6	1.0	1.6	1.5	1.4	.9	.5	1.0	1.4	1.9	1.3	1.0
-.00 TO	.10	180	*	.7	.7	.3	.1	.2	.5	.7	.6	.4	.2	.4	.4
OUT OF RANGE		0	0												
SUB TOTAL		3478	0	69	73	147	1121	232	57	49	61	105	1046	414	104

JOINT DISTRIBUTION (PERCENT)

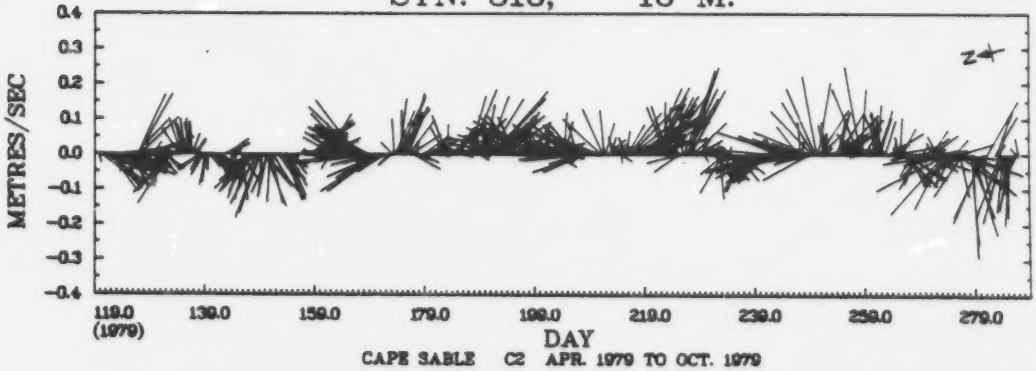
T(309., 50.M.) VS S(309., 50.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50	3	*					.0		.0			
33.50 TO	34.00	244	*					.0	4.6	1.2			
33.00 TO	33.50	1044	*					7.5	15.2	2.3			
32.50 TO	33.00	1286	*				8.3	17.3	4.8	.4			
32.00 TO	32.50	1196	*			14.1	11.0	2.4	1.2				
31.50 TO	32.00	401	*		.3	7.3	1.7		.2	.0			
31.00 TO	31.50		*										
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		4174	0		13	892	877	1142	1082	168			

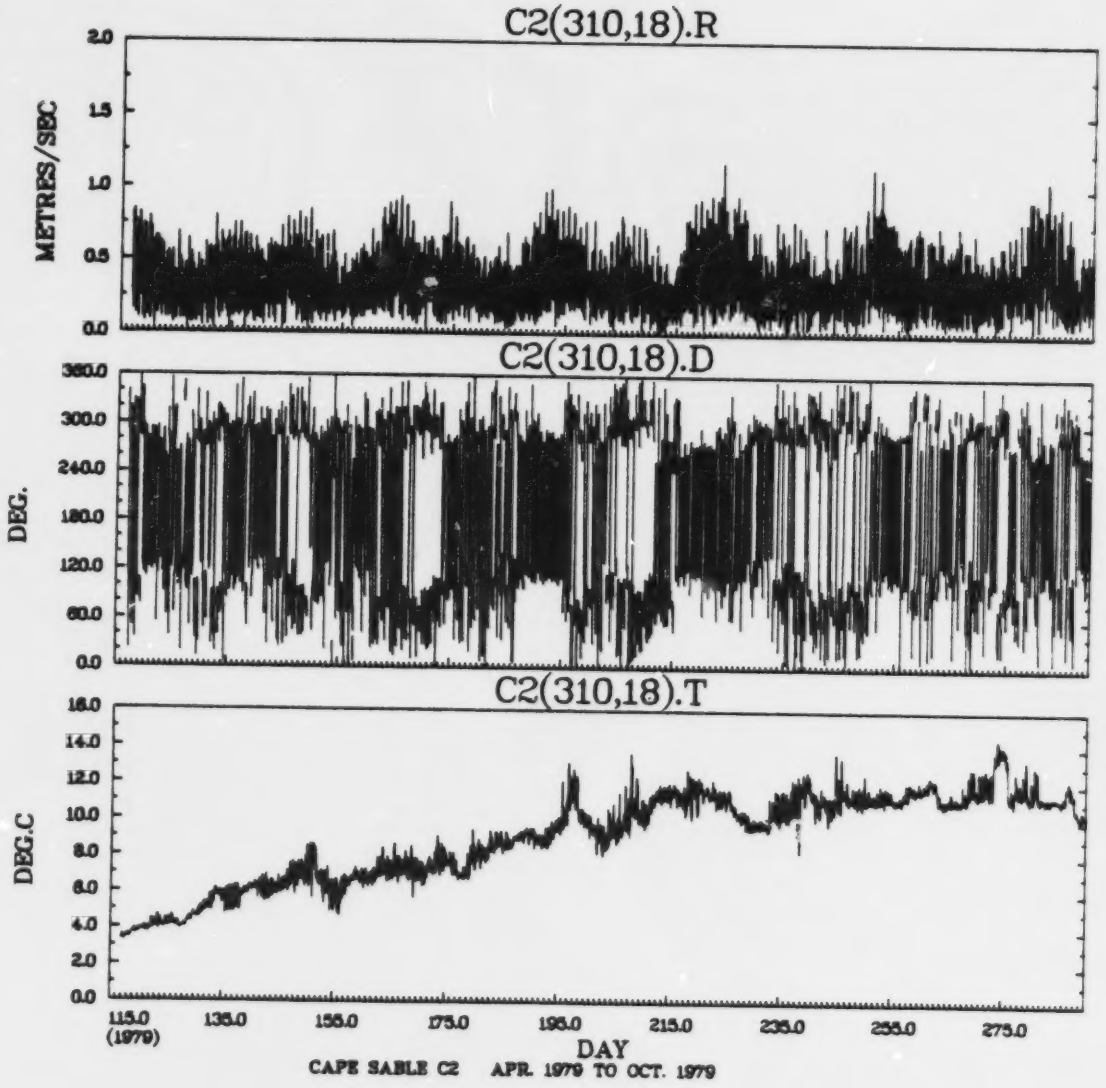
STN. 310, 18 M.



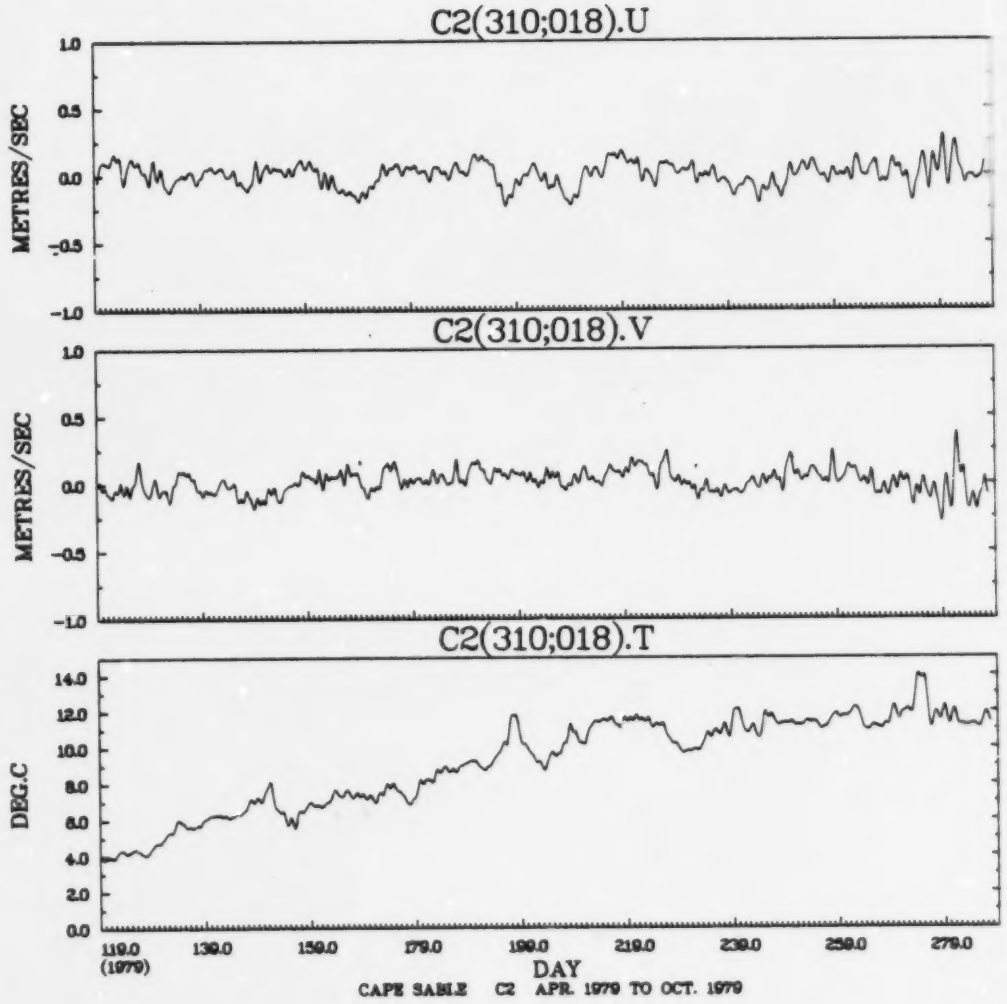
STN. 310, 18 M.



CAPE SABLE C2 APR. 1979 TO OCT. 1979



CAPE SABLE C2 APR. 1979 TO OCT. 1979


C2(310;018).U
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
C2(310;018).V
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
C2(310;018).T
DEG.C
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
119.0
(1979)
139.0
159.0
179.0
199.0
219.0
239.0
259.0
279.0
DAY
CAPE SABLE C2 APR. 1979 TO OCT. 1979

JOINT DISTRIBUTION (PERCENT)

C2(310,18).D VS C2(310,18).R

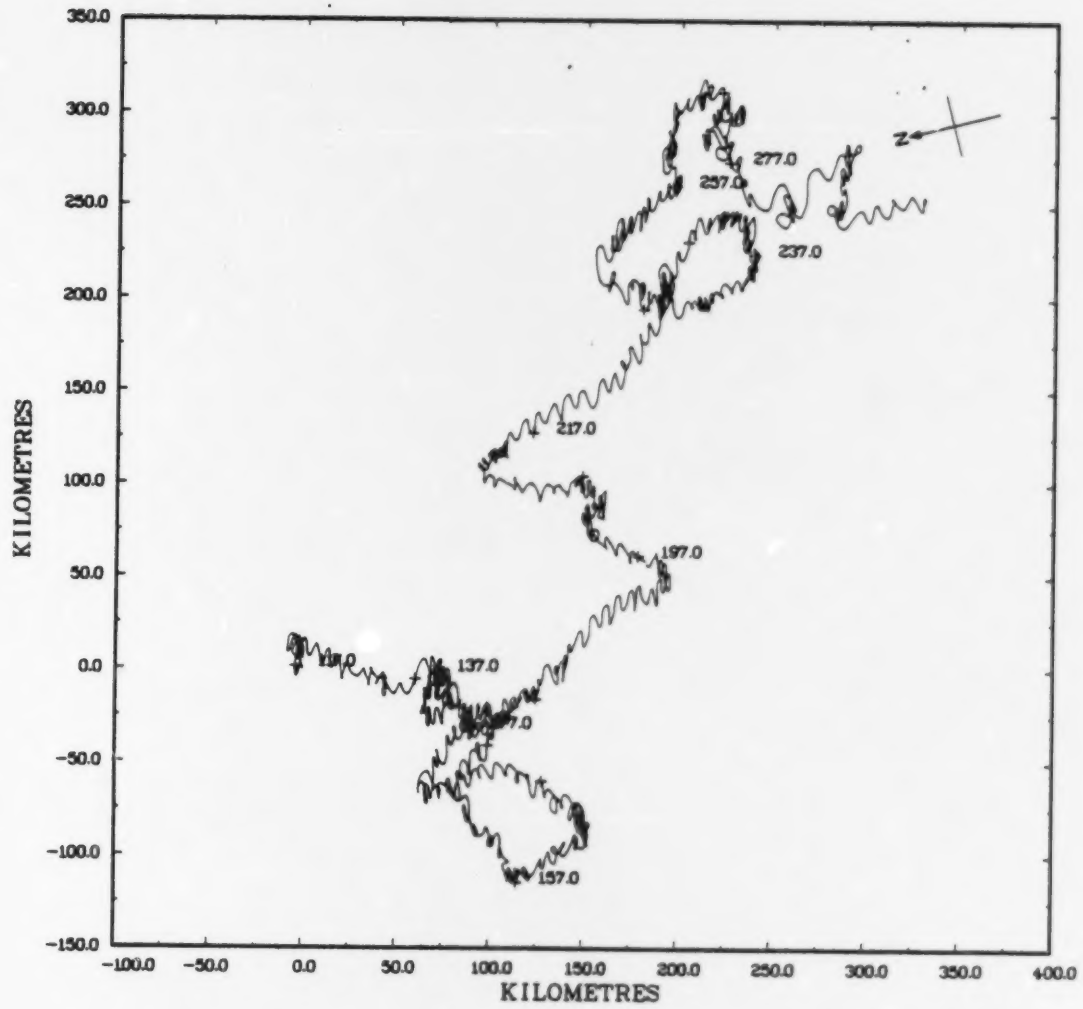
DEG. / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20	3	*				.1								
1.00 TO	1.10		*				.1								
.90 TO	1.00	27	*			.1	.4	.0				.0	.0		
.80 TO	.90	75	*			.2	1.1	.1				.0	.3	.0	
.70 TO	.80	160	*			.2	1.7	.2				.2	1.3	.1	
.60 TO	.70	342	*		.1	.5	2.9	.7			.1	.3	3.4	.3	.0
.50 TO	.40	560	*		.3	1.0	3.6	2.2	.0		.0	.6	5.0	.6	.0
.40 TO	.50	798	*	.0	.5	1.4	4.0	3.4	.1	.0	.4	2.0	5.3	1.9	.1
.30 TO	.40	839	*	.1	.9	1.8	3.5	3.5	.6	.1	.9	2.1	4.1	2.4	.3
.20 TO	.30	738	*	.8	1.0	2.0	2.5	1.5	.8	.8	1.0	2.1	2.7	1.8	.7
.10 TO	.20	455	*	.8	1.0	.8	1.1	1.1	.7	.9	.8	.7	1.4	1.1	.6
-.00 TO	.10	169	*	.4	.3	.4	.4	.4	.3	.3	.5	.2	.4	.2	.4
OUT OF RANGE		0	0												
SUB TOTAL		4165	0	86	166	349	882	946	103	92	153	346	997	358	87

HISTOGRAM OF C2(310;018).T DEG.C

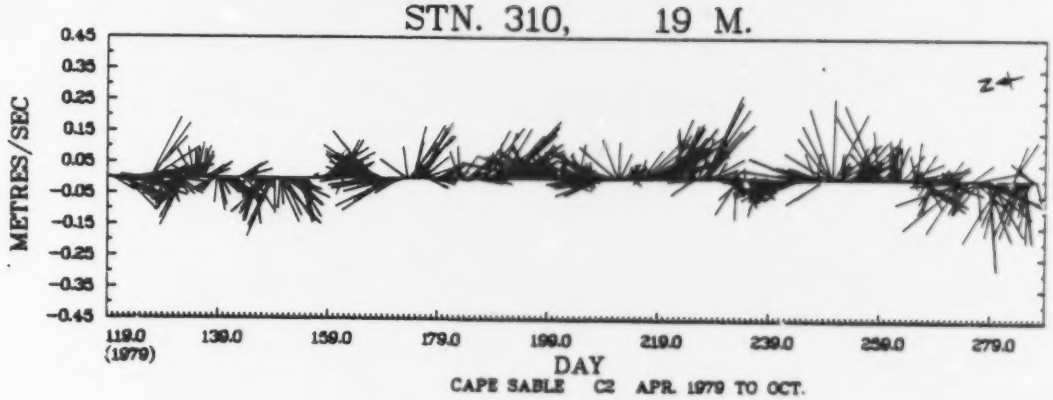
BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
-2.00	-1.50	0	0.0	
-1.50	-1.00	0	0.0	
-1.00	-.50	0	0.0	
-.50	0.00	0	0.0	
0.00	.50	0	0.0	
.50	1.00	0	0.0	
1.00	1.50	0	0.0	
1.50	2.00	0	0.0	
2.00	2.50	0	0.0	
2.50	3.00	0	0.0	
3.00	3.50	17	.4	***
3.50	4.00	108	2.6	**********
4.00	4.50	152	3.6	**********
4.50	5.00	88	2.1	**********
5.00	5.50	78	1.9	**********
5.50	6.00	115	2.8	**********
6.00	6.50	246	5.9	**********
6.50	7.00	268	6.4	**********
7.00	7.50	222	5.3	**********
7.50	8.00	163	3.9	**********
8.00	8.50	136	3.3	**********
8.50	9.00	177	4.2	**********
9.00	9.50	185	4.4	**********
9.50	10.00	239	5.7	**********
10.00	10.50	228	5.5	**********
10.50	11.00	282	6.8	**********
11.00	11.50	704	16.9	**********
11.50	12.00	455	10.9	**********
12.00	12.50	166	4.0	**********
12.50	13.00	64	1.5	********
13.00	13.50	27	.6	****
13.50	14.00	30	.7	****
14.00	14.50	14	.3	**
14.50	15.00	1	.0	*
15.00	15.50	0	0.0	
15.50	16.00	0	0.0	
16.00	16.50	0	0.0	
16.50	17.00	0	0.0	
17.00	17.50	0	0.0	
17.50	18.00	0	0.0	
18.00	18.50	0	0.0	
18.50	19.00	0	0.0	
19.00	19.50	0	0.0	
19.50	20.00	0	0.0	

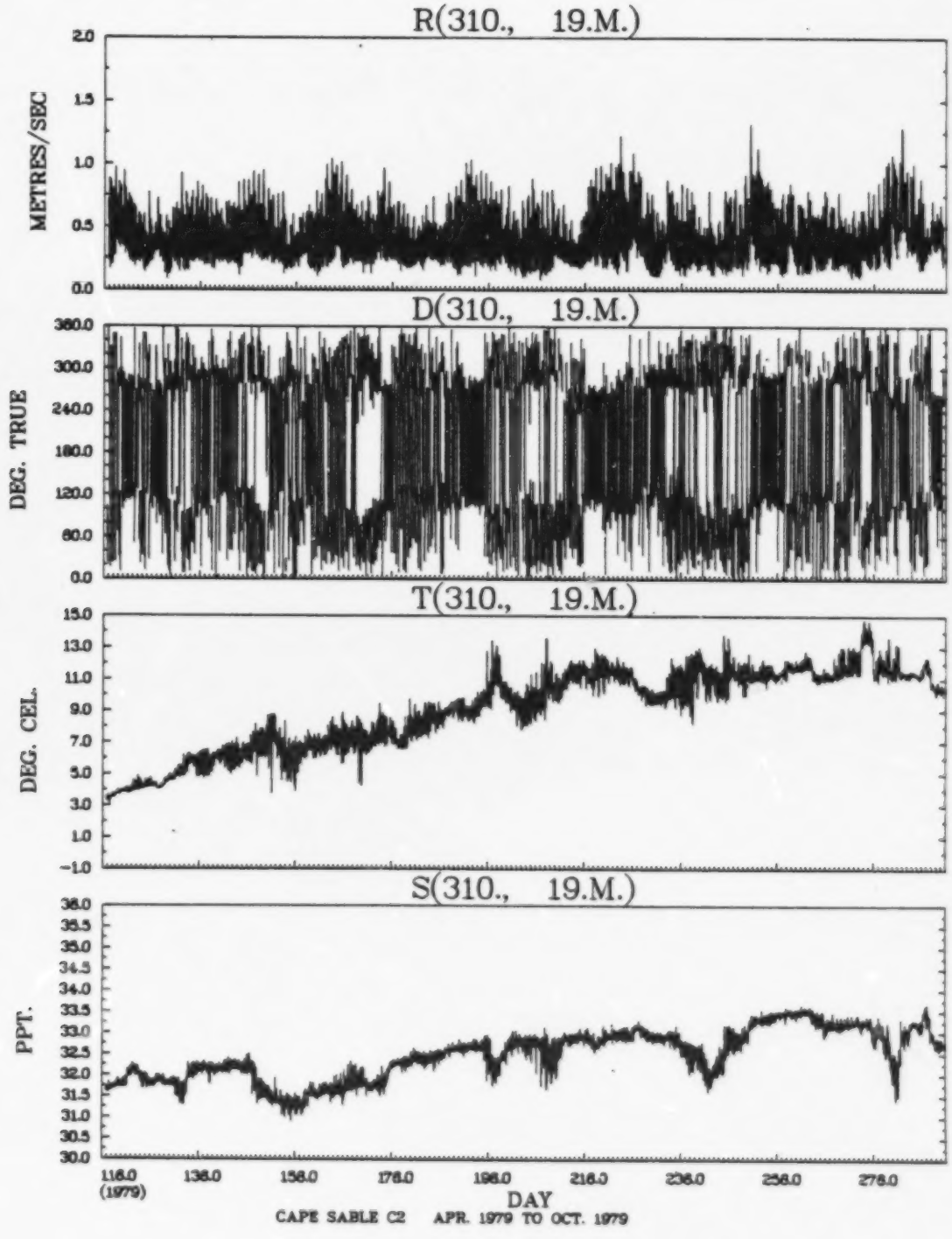
TOTAL NO. OF SAMPLES 4165
OUTSIDE RANGE 0

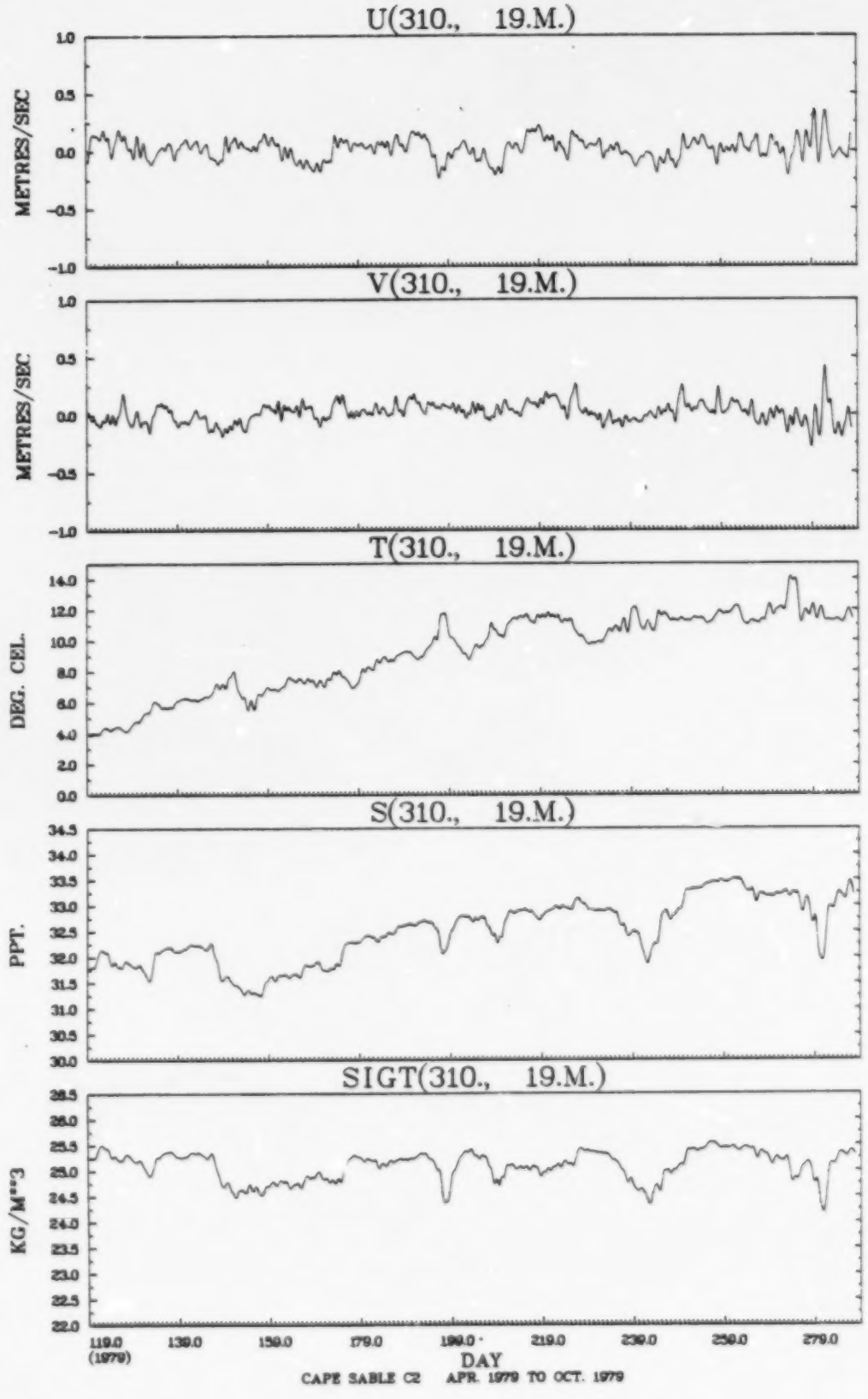
STN. 310, 19 M.



STN. 310, 19 M.




R(310., 19.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(310., 19.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(310., 19.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(310., 19.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
116.0
(1979)
136.0
156.0
176.0
196.0
216.0
236.0
256.0
276.0
DAY
CAPE SABLE C2 APR. 1979 TO OCT. 1979


U(310., 19.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(310., 19.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(310., 19.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(310., 19.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(310., 19.M.)
KG/M**3
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
119.0
(1979)
139.0
159.0
179.0
199.0
219.0
239.0
259.0
279.0
DAY
CAPE SABLE C2 APR. 1979 TO OCT. 1979

JOINT DISTRIBUTION (PERCENT)

D(310., 19.M.) VS R(310., 19.M.)

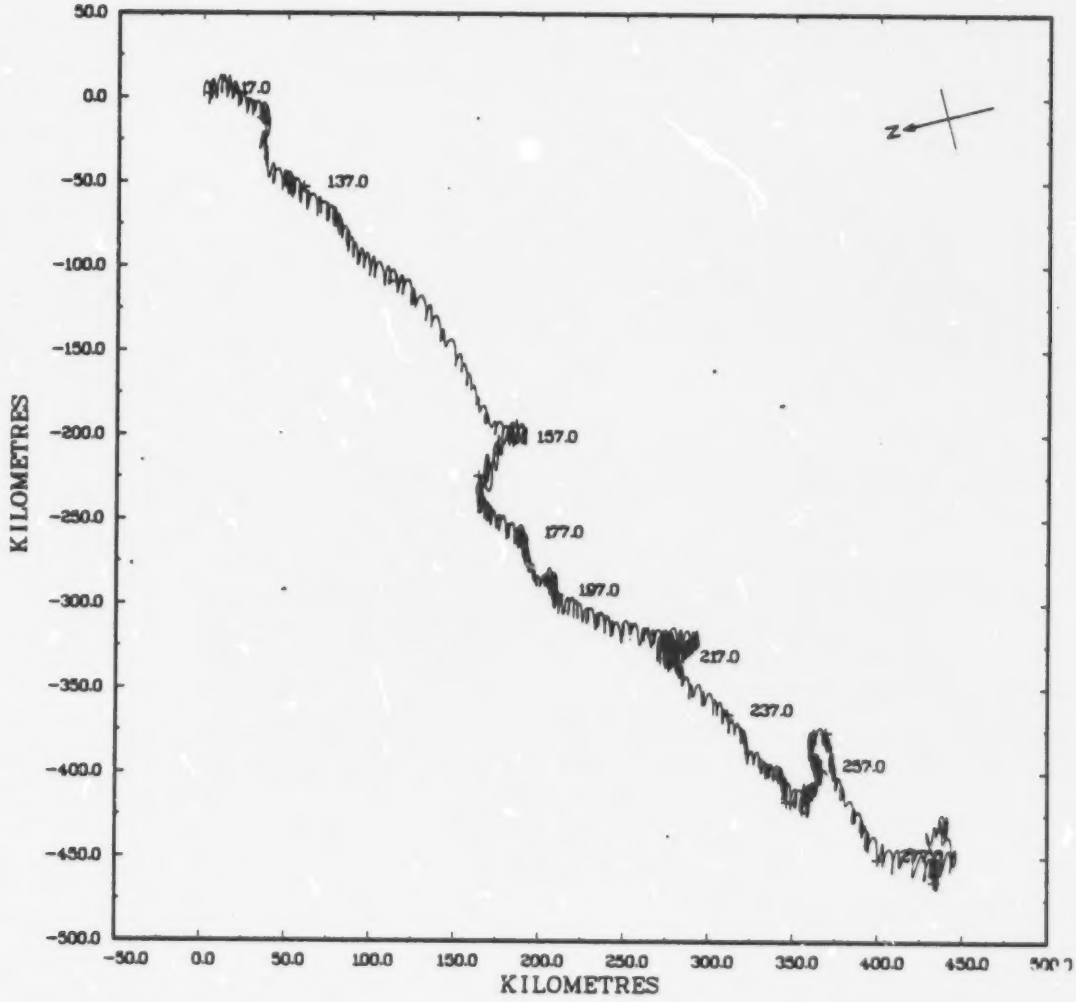
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30	2	*				.0								
1.10 TO	1.20	4	*				.1	.0							
1.00 TO	1.10	7	*				.1	.0							
.90 TO	1.00	34	*			.1	.6					.1	.1		
.80 TO	.90	102	*			.3	1.2	.1				.2	.6	.0	
.70 TO	.80	174	*			.3	1.8	.3			.0	.3	1.4	.0	.0
.60 TO	.70	379	*		.2	.7	2.7	1.2			.0	.5	3.5	.3	
.50 TO	.60	576	*		.4	1.2	3.5	2.1	.0	.0	.1	1.5	4.6	.4	.0
.40 TO	.50	800	*	.0	.6	1.4	3.8	2.9	.4	.1	.6	2.7	5.1	1.6	.1
.30 TO	.40	940	*	.2	1.1	2.4	4.0	3.3	.8	.5	1.1	2.8	4.1	1.9	.3
.20 TO	.30	757	*	.8	1.4	1.6	1.6	1.8	1.2	.9	1.8	1.8	2.3	1.6	1.2
.10 TO	.20	345	*	1.0	.7	.5	.4	.5	.8	1.0	.8	.5	.3	.8	.9
-.00 TO	.10	50	*	.1	.0	.1	.0	.1	.2	.2	.2	.0	.0	.1	.1
OUT OF RANGE		0	0												
SUB TOTAL		4170	0	92	182	354	832	512	144	112	191	434	918	283	116

JOINT DISTRIBUTION (PERCENT)

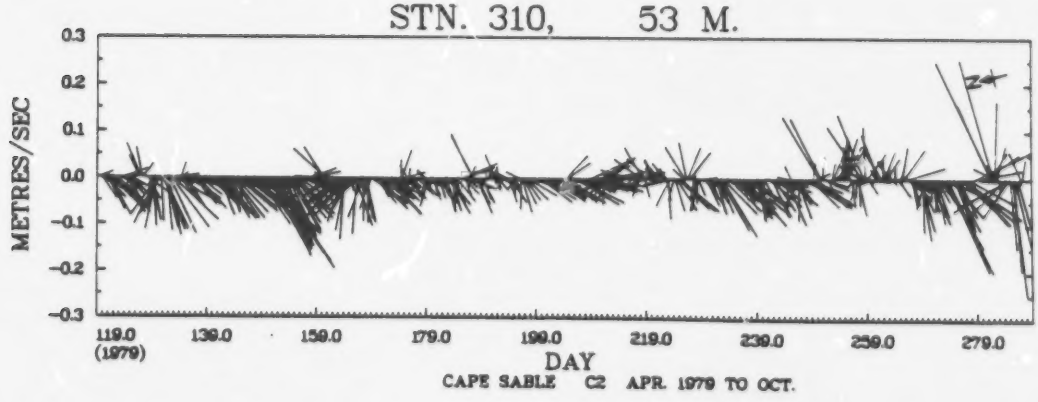
T(310., 19.M.) VS S(310., 19.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00	62	*							1.5			
33.00 TO	33.50	809	*						2.7	15.2	1.5		
32.50 TO	33.00	1276	*					3.0	15.0	12.5	.0		
32.00 TO	32.50	958	*			1.8	8.1	5.9	3.5	3.6	.1		
31.50 TO	32.00	864	*			7.0	5.1	7.0	.3	1.2	.1		
31.00 TO	31.50	201	*			.2	3.4	1.2					
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		4170	0			376	689	715	899	1419	72		

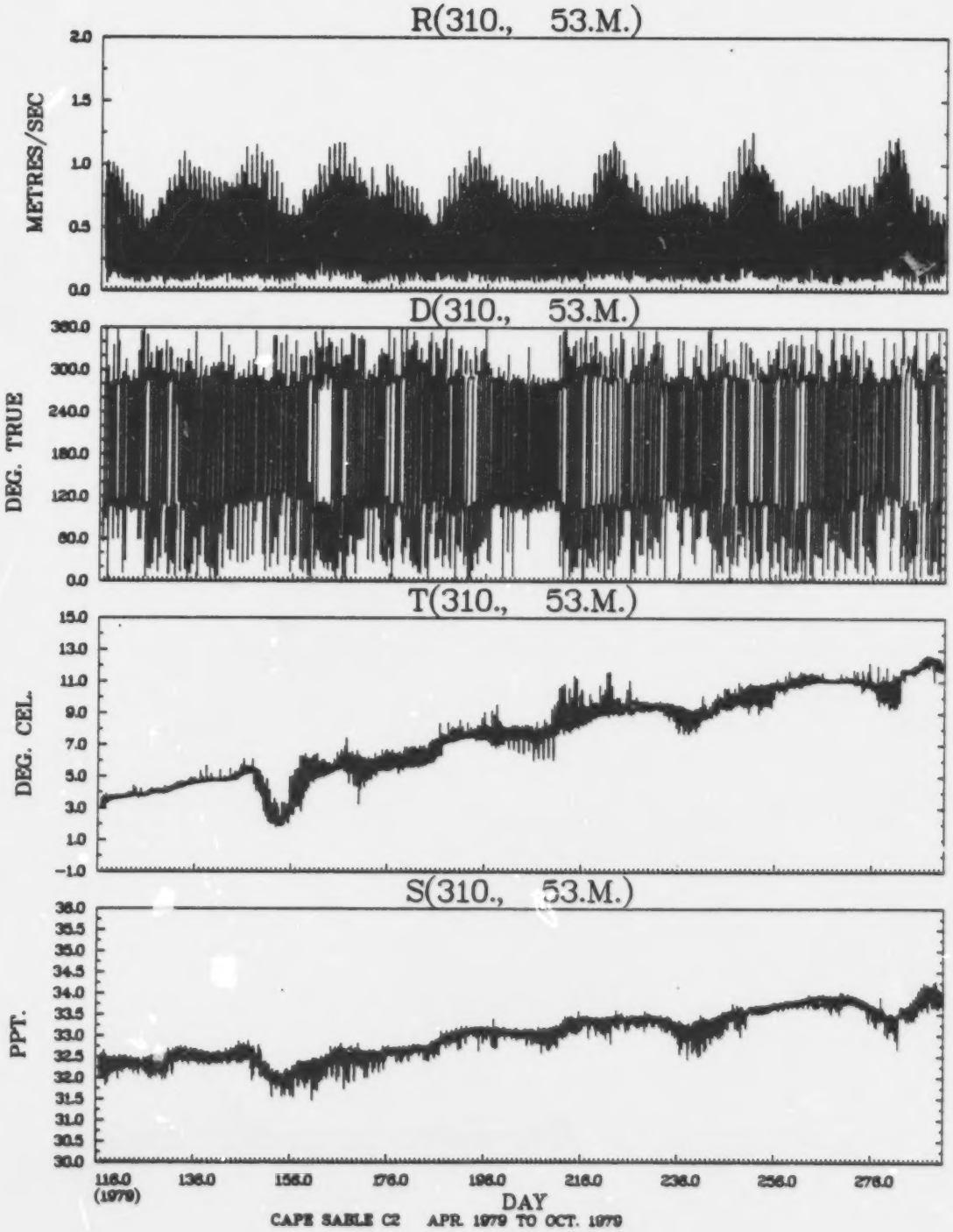
STN. 310, 53 M.

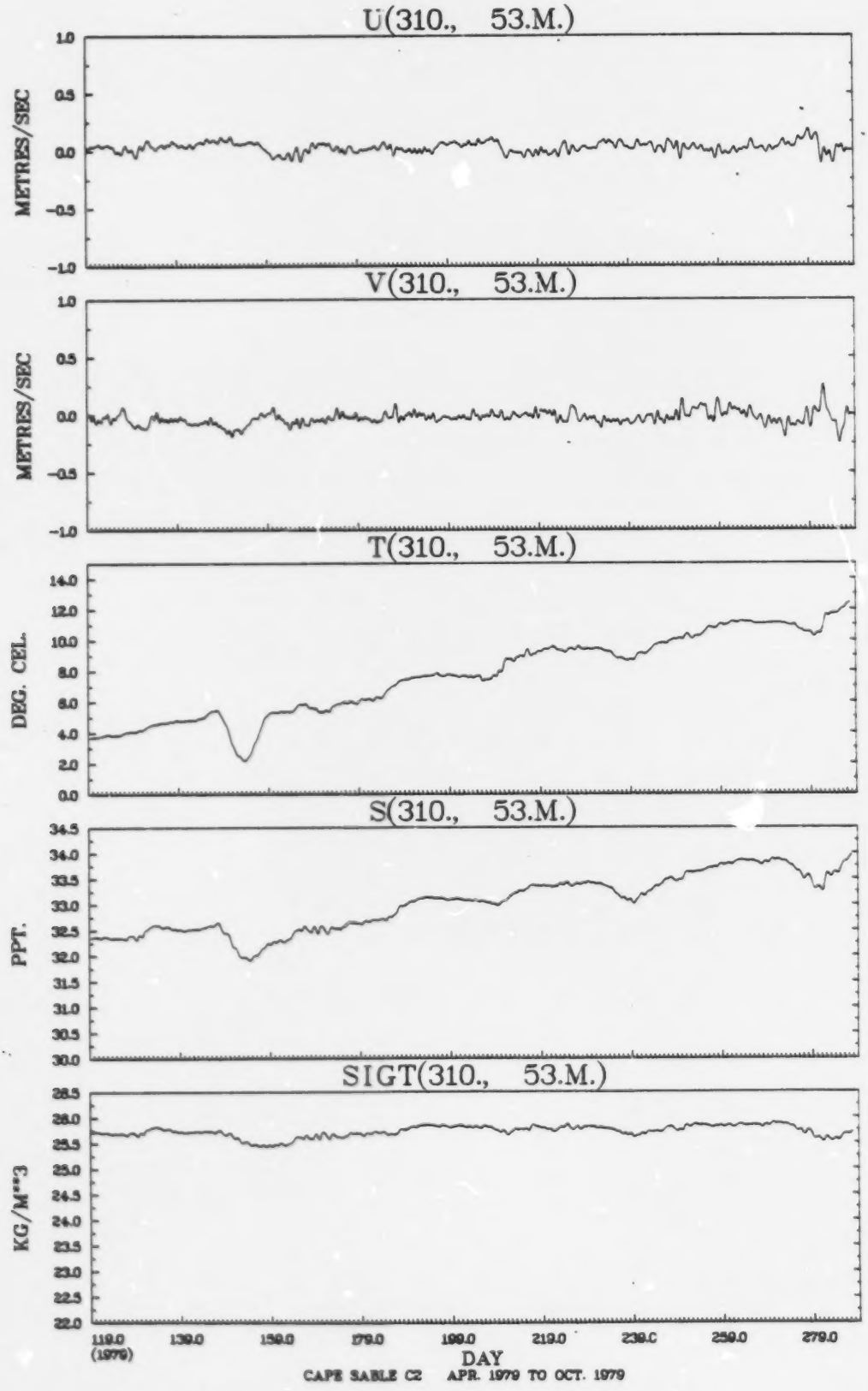


STN. 310, 53 M.



CAPE SABLE C2 APR. 1979 TO OCT.


R(310., 53.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(310., 53.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(310., 53.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(310., 53.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
116.0
(1979)
136.0
156.0
176.0
196.0
216.0
236.0
256.0
276.0
DAY
CAPE SABLE C2 APR. 1979 TO OCT. 1979


U(310., 53.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(310., 53.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(310., 53.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(310., 53.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(310., 53.M.)
KG/M**3
28.5
28.0
27.5
27.0
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
119.0
(1979)
139.0
159.0
179.0
199.0
219.0
239.0
259.0
279.0
DAY
CAPE SABLE C2 APR. 1979 TO OCT. 1979

JOINT DISTRIBUTION (PERCENT)

D(310., 53.M.) VS R(310., 53.M.)

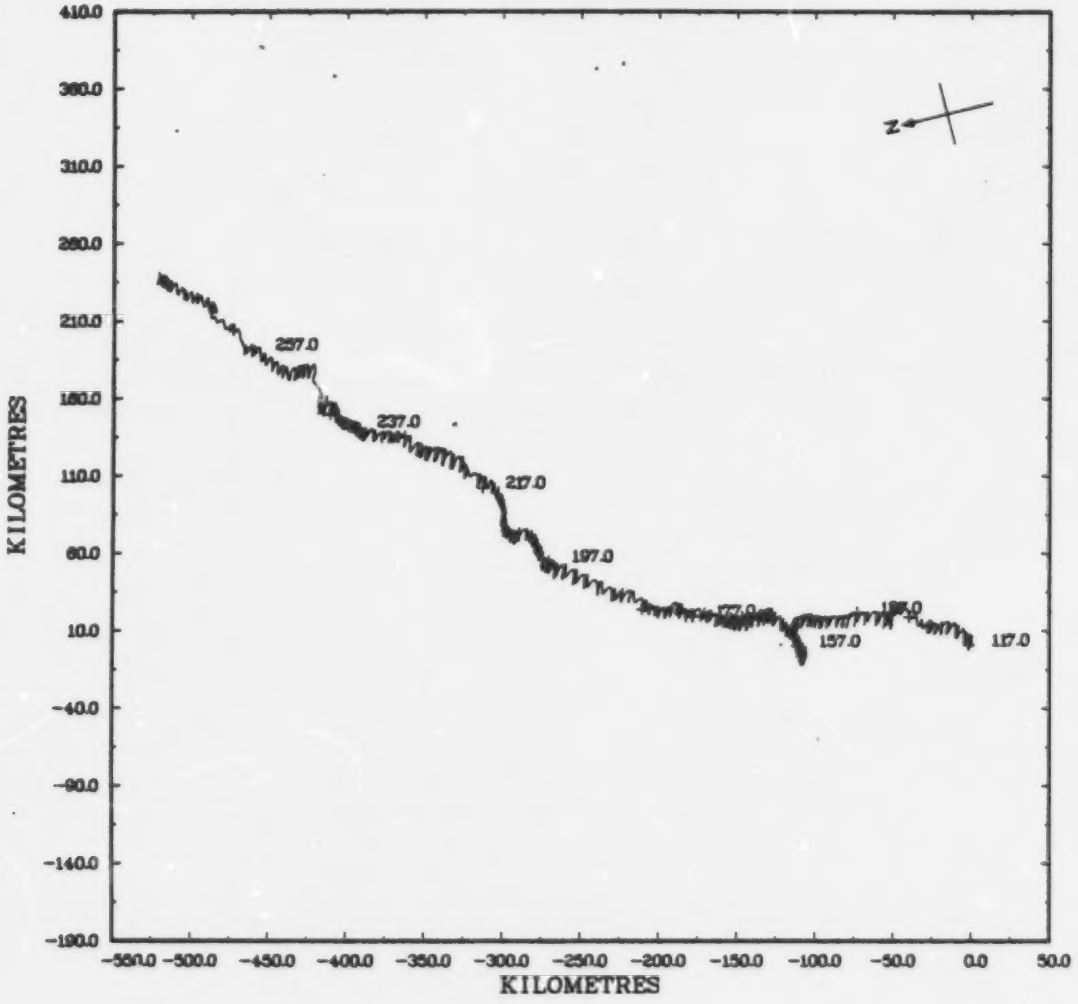
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30	1	*				.0								
1.10 TO	1.20	11	*				.0	.1					.2		
1.00 TO	1.10	34	*				.1	.0					.6		
.90 TO	1.00	102	*				.8	.1					1.5		
.80 TO	.90	235	*				1.8	.2					3.6		
.70 TO	.80	357	*				3.4	.2					4.9	.0	
.60 TO	.70	537	*			.0	5.8	.5				.1	6.3	.1	
.50 TO	.60	636	*			.1	6.8	1.1				.7	6.4	.2	
.40 TO	.50	546	*			.1	5.0	1.5	.0			.9	5.3	.3	
.30 TO	.40	528	*			.6	3.6	2.1	.3	.1	.1	1.4	3.5	1.1	
.20 TO	.30	517	*	.0	.1	1.1	2.2	2.0	.9	.4	.7	1.5	1.8	1.4	.2
.10 TO	.20	507	*	.6	.7	1.4	.7	1.2	1.0	.8	.9	1.8	.9	1.3	1.0
-.00 TO	.10	159	*	.5	.4	.4	.0	.2	.3	.6	.5	.2	.0	.2	.4
OUT OF RANGE		0	0												
SUB TOTAL		4170	0	46	49	160	1266	385	102	77	95	275	1459	190	66

JOINT DISTRIBUTION (PERCENT)

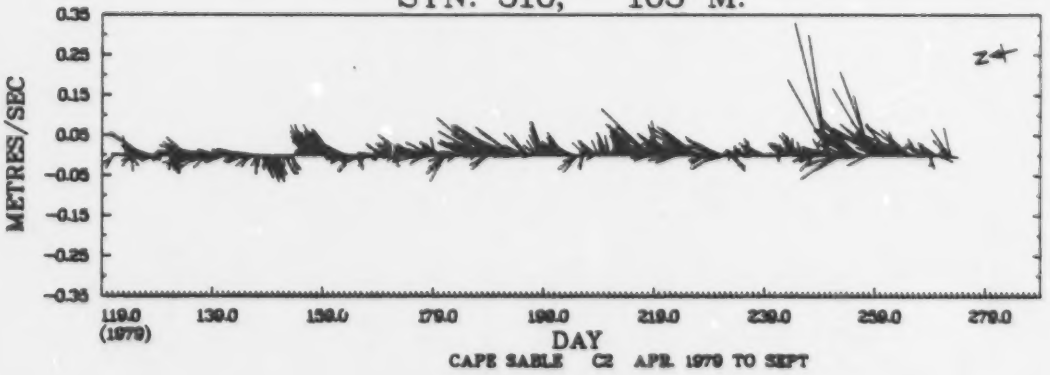
T(310., 53.M.) VS S(310., 53.M.)

PPT. DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50	.32	*							.8			
33.50 TO 34.00	877	*						8.9	12.2			
33.00 TO 33.50	1425	*				.3	15.8	17.1	.9			
32.50 TO 33.00	905	*			5.7	12.4	3.5	.2	.0			
32.00 TO 32.50	840	*		1.1	13.0	6.0						
31.50 TO 32.00	91	*		1.6	.4	.2						
31.00 TO 31.50		*										
30.50 TO 31.00		*										
30.00 TO 30.50		*										
OUT OF RANGE	0	0										
SUB TOTAL	4170	0		113	795	788	803	1093	578			

STN. 310, 103 M.

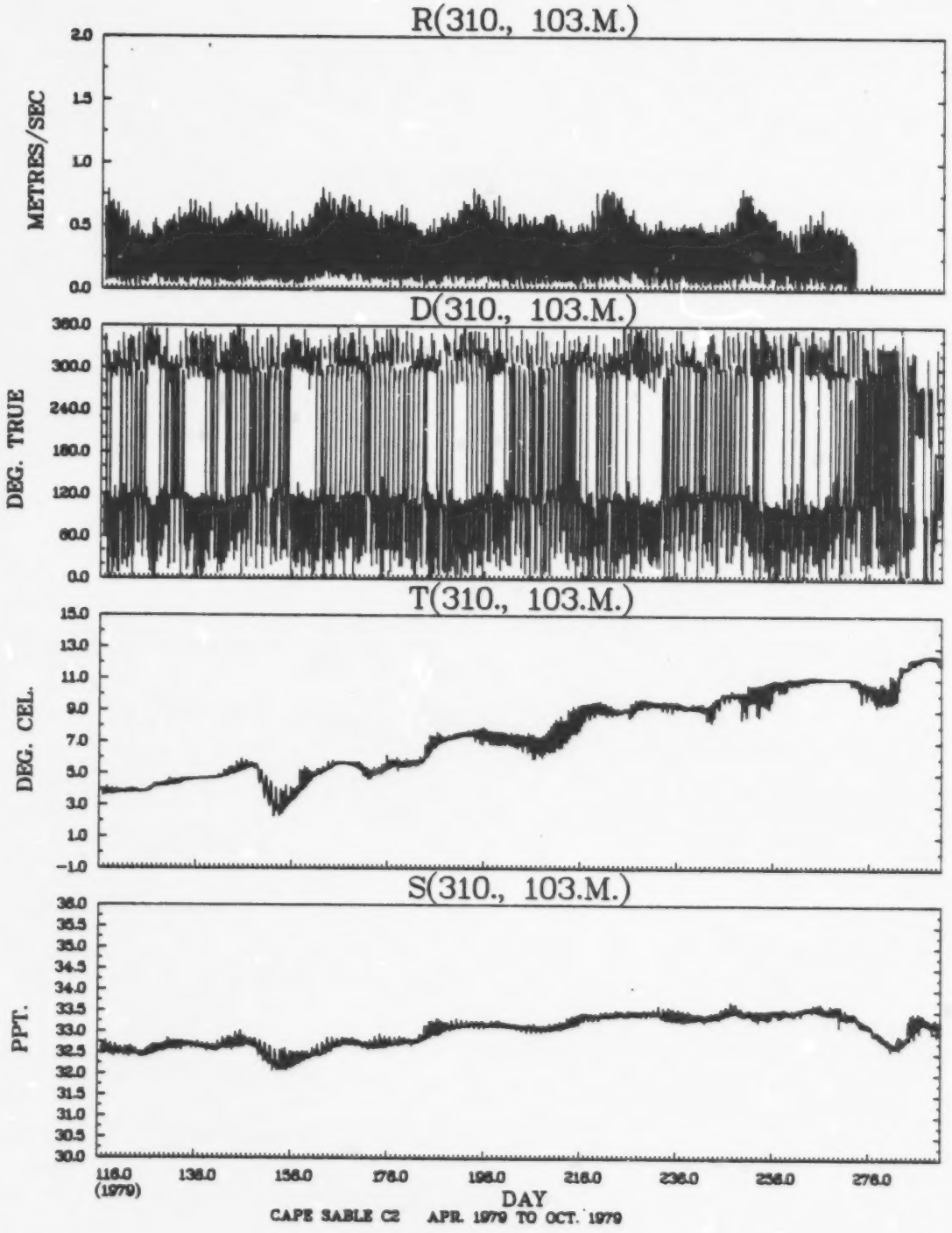


STN. 310, 103 M.

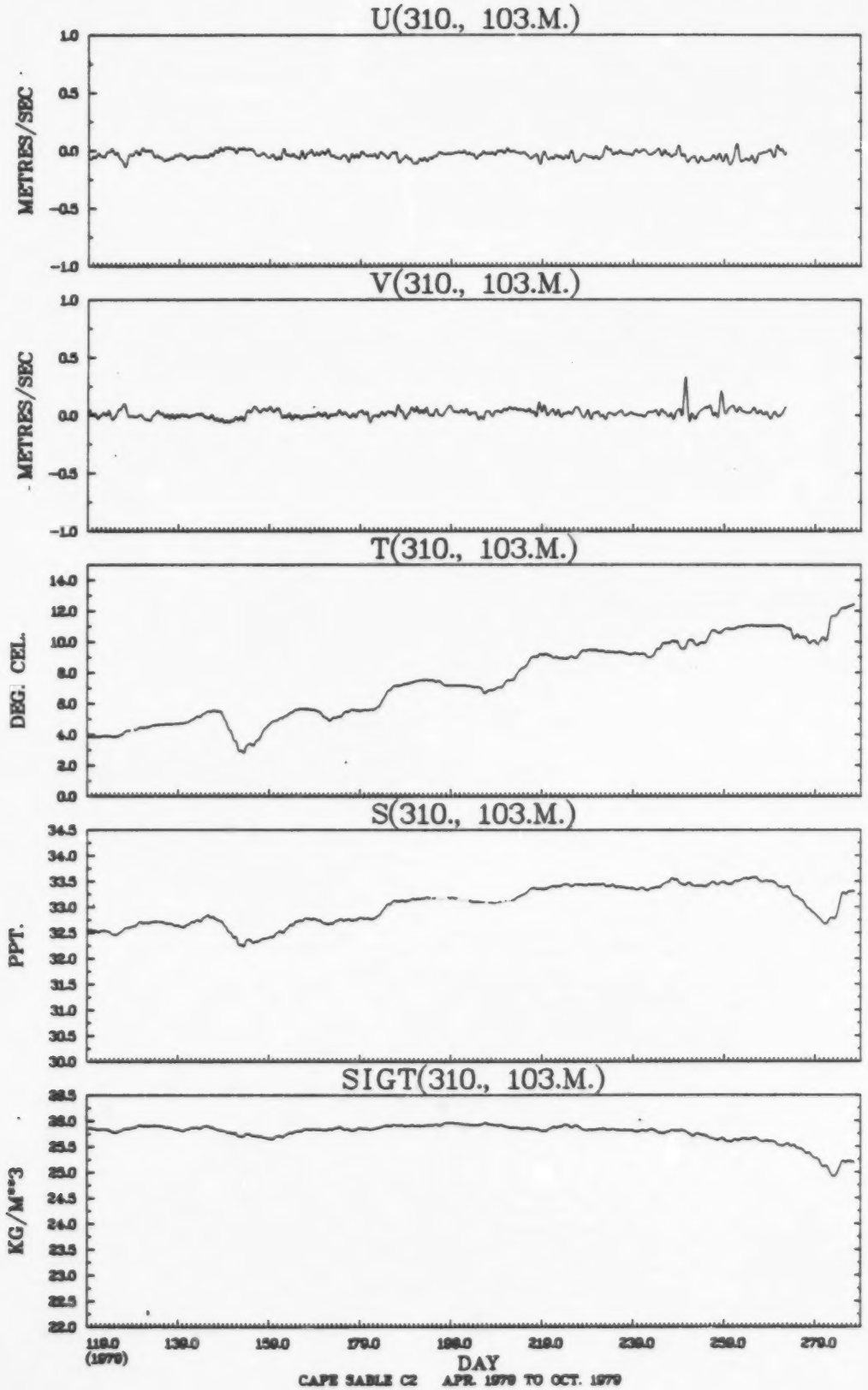


CAPE SABLE C2 APR. 1979 TO SEPT

Rotor lost on day 273 (1979)



Rotor lost on day 273 (1979)



Rotor lost on day 273 (1979)

JOINT DISTRIBUTION (PERCENT)

D(310., 103.M.) VS R(310., 103.M.)

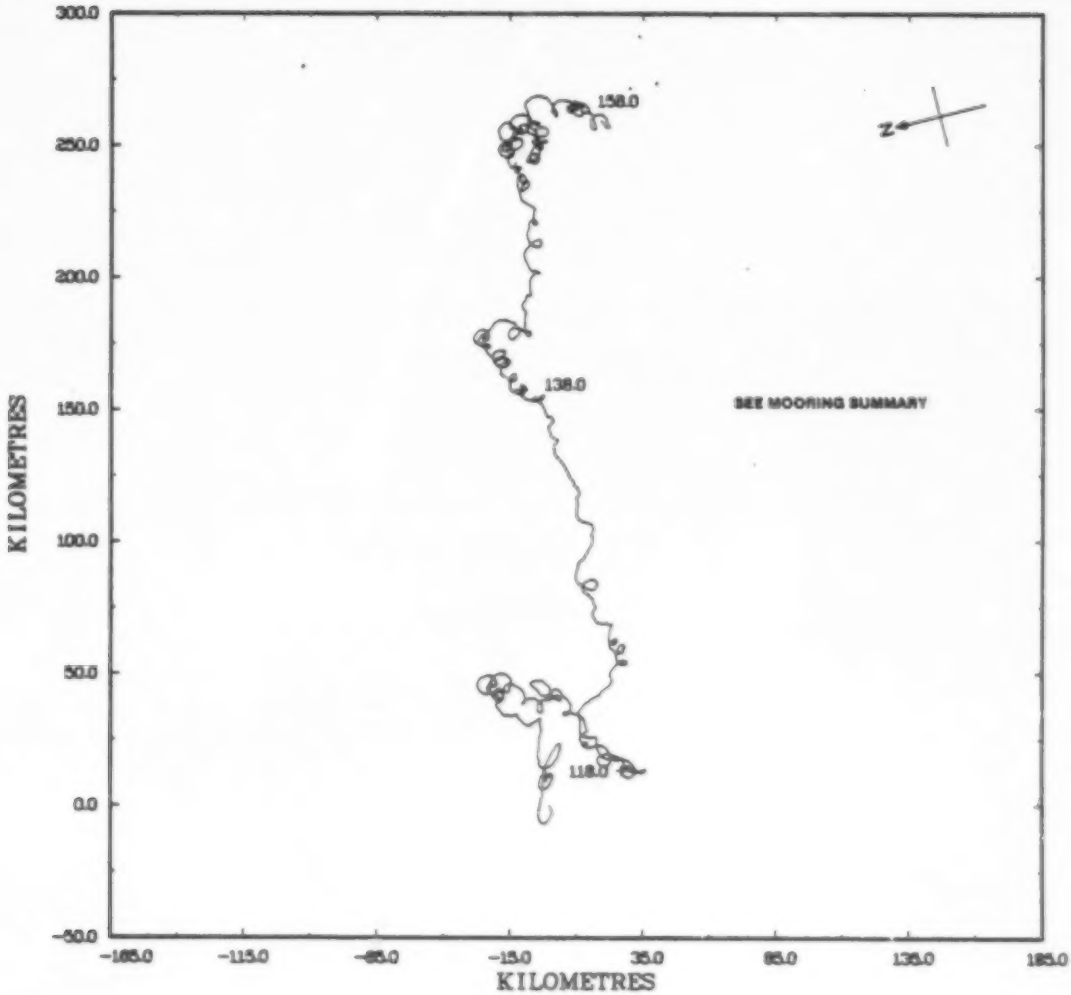
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90		*												
.70 TO	.80	15	*				.3	.1					.1	.0	
.60 TO	.70	113	*				1.7	.2					.7	.5	
.50 TO	.60	446	*				5.0	.9					3.3	2.8	
.40 TO	.50	870	*			.4	9.2	2.4					3.7	7.5	.1
.30 TO	.40	823	*		.0	.7	7.6	2.7	.1		.1	.2	3.5	6.7	.6
.20 TO	.30	624	*	.3	.5	1.4	4.2	2.0	.1	.0		.3	2.8	4.0	1.3
.10 TO	.20	596	*	1.3	1.0	2.3	2.6	1.3	.7	.2	.1	.7	1.4	2.4	2.0
-.00 TO	.10	256	*	.9	.9	.9	.4	.4	.4	.5	.5	.5	.2	.3	.9
OUT OF RANGE		0	0												
SUB TOTAL		3743	0	93	90	212	1153	368	47	29	26	60	585	903	178

JOINT DISTRIBUTION (PERCENT)

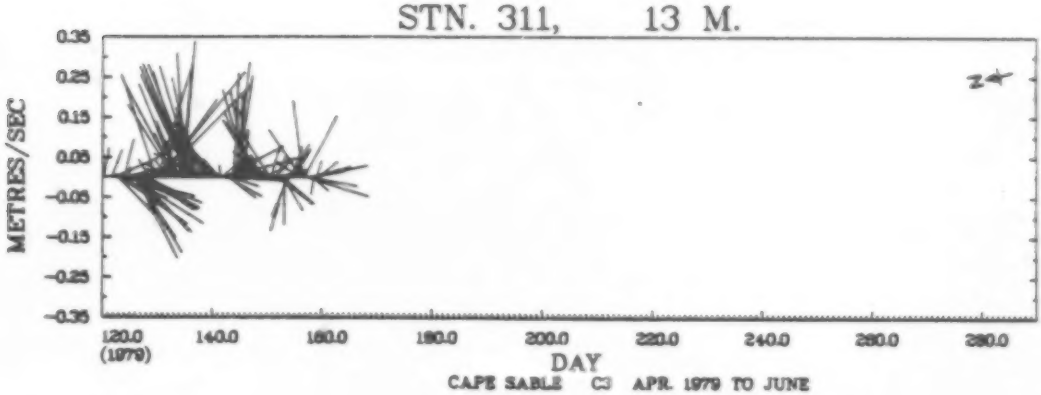
T(310., 103.M.) VS S(310., 103.M.)

PPT.	DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00	269	*					.1	3.4	3.0			
33.00 TO	33.50	2084	*				4.5	17.3	22.1	6.1			
32.50 TO	33.00	1474	*			14.9	16.2		2.7	1.5			
32.00 TO	32.50	344	*		1.0	6.4	.9						
31.50 TO	32.00		*										
31.00 TO	31.50		*										
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		4171	0		41	889	897	724	1176	444			

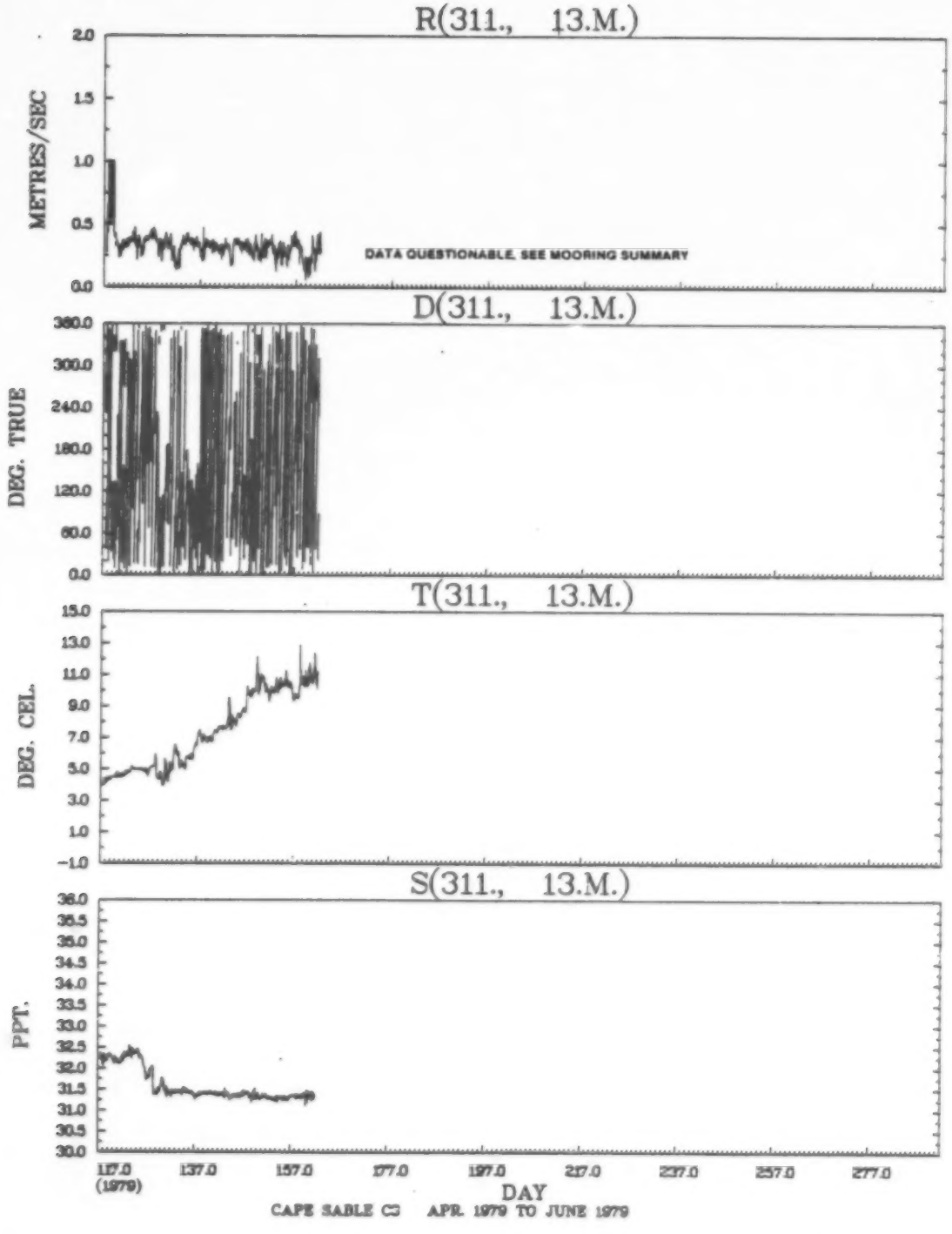
STN. 311, 13 M.

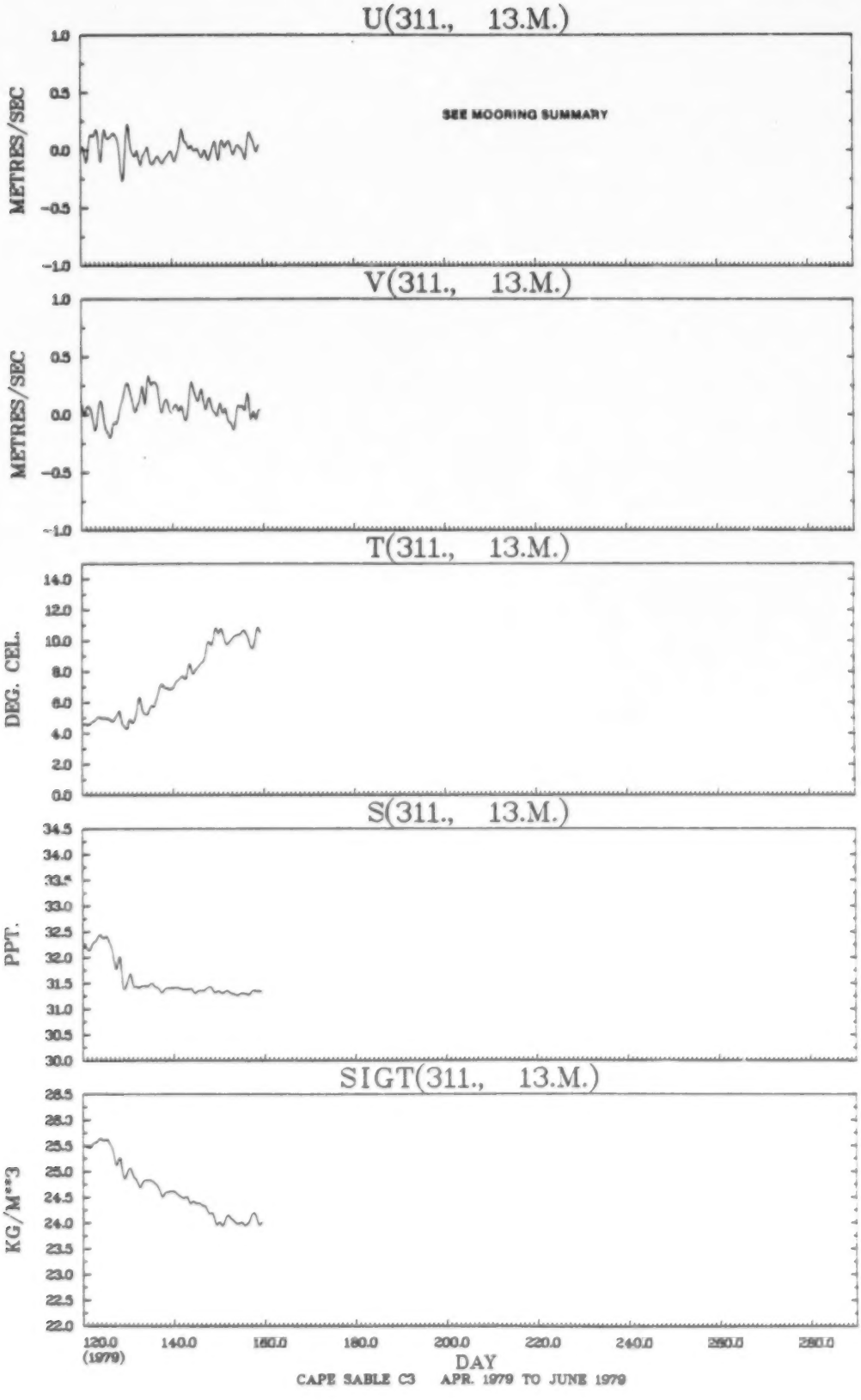


STN. 311, 13 M.



CAPE SABLE C3 APR. 1979 TO JUNE


R(311., 13.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
DATA QUESTIONABLE. SEE MOORING SUMMARY
D(311., 13.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(311., 13.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(311., 13.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
117.0
(1979)
137.0
157.0
177.0
197.0
217.0
237.0
257.0
277.0
DAY
CAPE SABLE C3 APR. 1979 TO JUNE 1979


U(311., 13.M.)
SEE MOORING SUMMARY
METRES/SEC
V(311., 13.M.)
METRES/SEC
T(311., 13.M.)
DEG. CEL.
S(311., 13.M.)
PPT.
SIGT(311., 13.M.)
KG/M**3
120.0
(1979)
140.0
160.0
180.0
200.0
220.0
240.0
260.0
280.0
DAY
CAPE SABLE C3 APR. 1979 TO JUNE 1979

JOINT DISTRIBUTION (PERCENT)

D(311. 13.M.) VS R(311.. 13.M.)

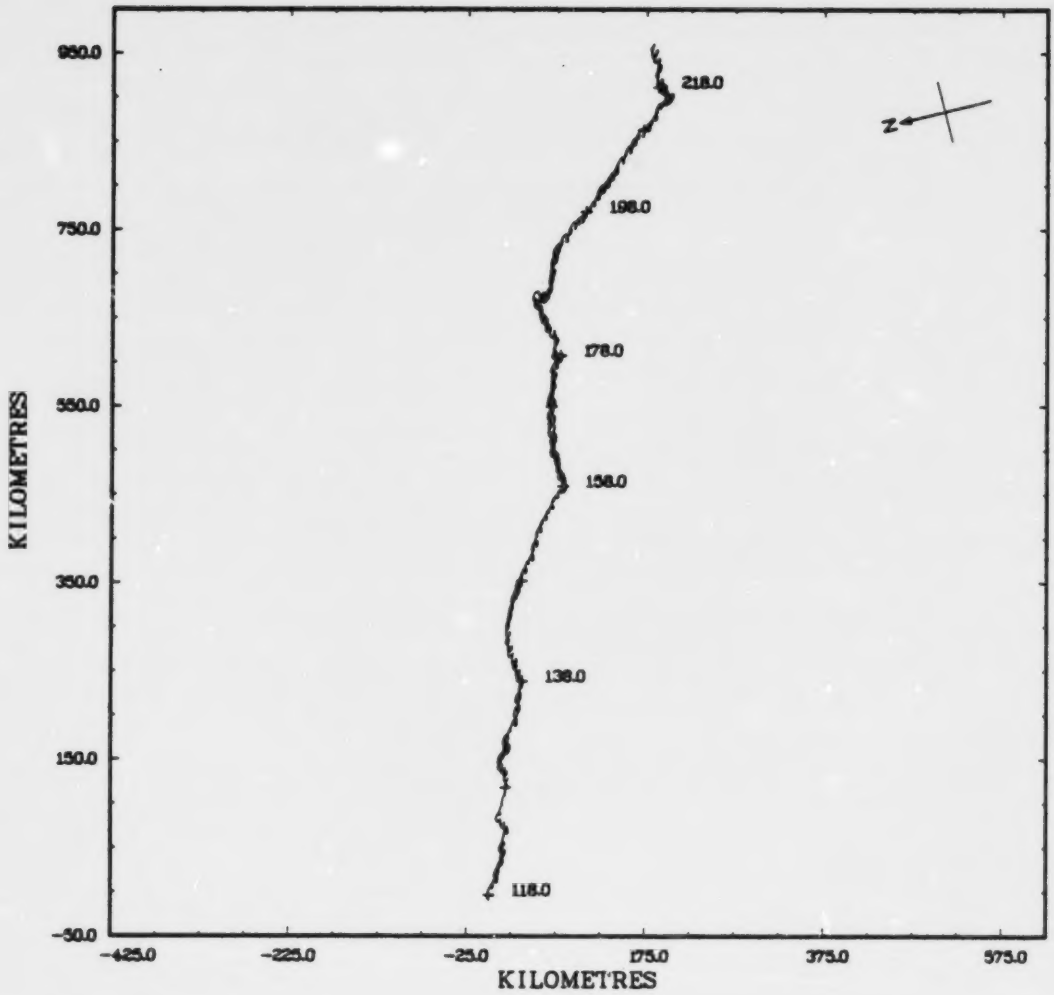
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00	6	*				.5	.1							
.80 TO	.90	4	*				.2	.2							
.70 TO	.80	6	*				.1	.3					.1	.1	
.60 TO	.70	4	*				.1						.1	.1	.1
.50 TO	.60	8	*				.2						.1	.3	.2
.40 TO	.50	53	*	.2	.6	.3	.7	.2	.7	.6	.9	.2	.2	.1	.4
.30 TO	.40	528	*	3.1	5.0	6.8	7.1	7.9	3.8	2.4	2.6	3.6	2.8	2.5	1.8
.20 TO	.30	349	*	3.3	2.6	4.4	2.8	2.1	3.0	3.4	2.6	1.9	2.3	2.0	2.3
.10 TO	.20	106	*	.9	.7	.8	.8	1.1	.6	.8	1.0	.8	.8	.9	.5
-.00 TO	.10	5	*			.1	.1					.2	.1		
OUT OF RANGE		0	0												
SUB TOTAL		1069	0	80	94	133	134	126	87	77	77	71	70	64	56

JOINT DISTRIBUTION (PERCENT)

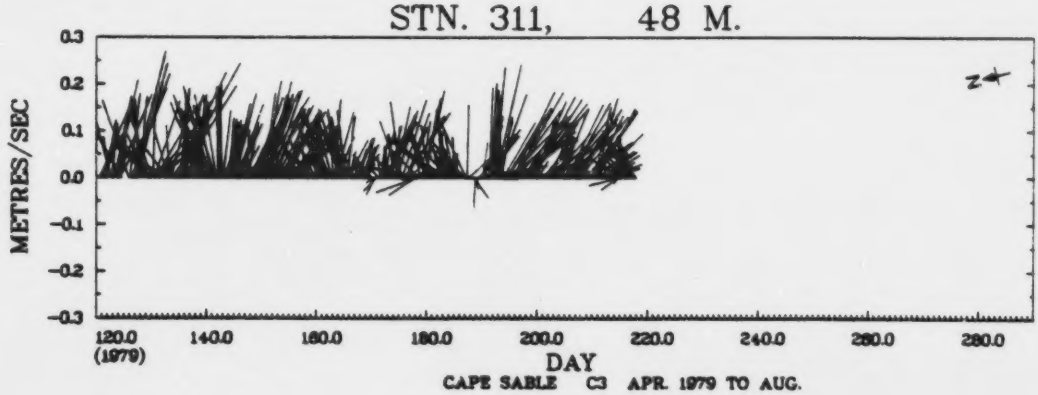
T(311., 13.M.) VS S(311., 13.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	4	*			.1	.3						
32.00 TO	32.50	229	*			18.1	3.4						
31.50 TO	32.00	67	*			2.4	3.8						
31.00 TO	31.50	769	*			4.7	15.2	18.2	30.3	3.6			
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		1069	0			270	242	195	324	38			

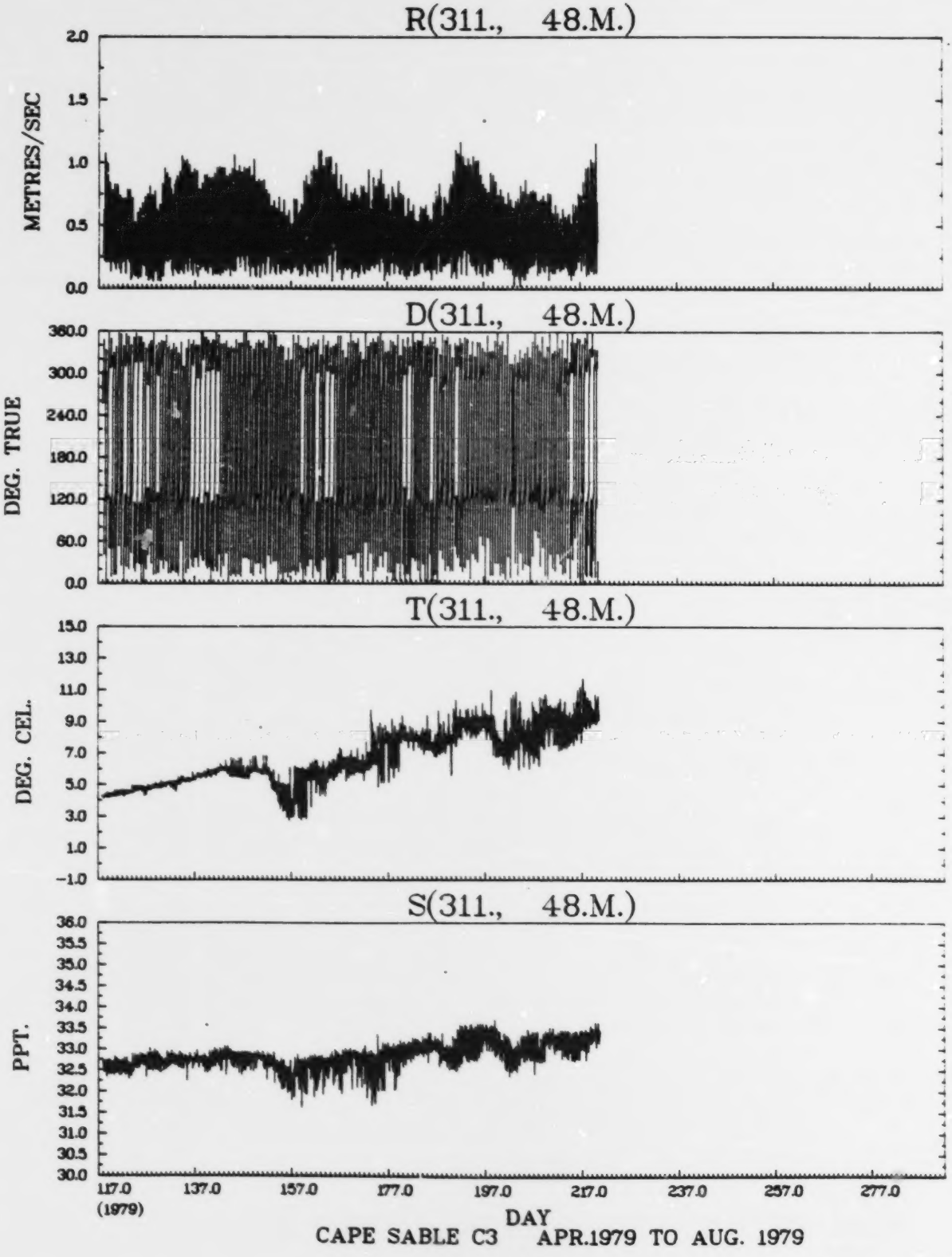
STN. 311, 48 M.



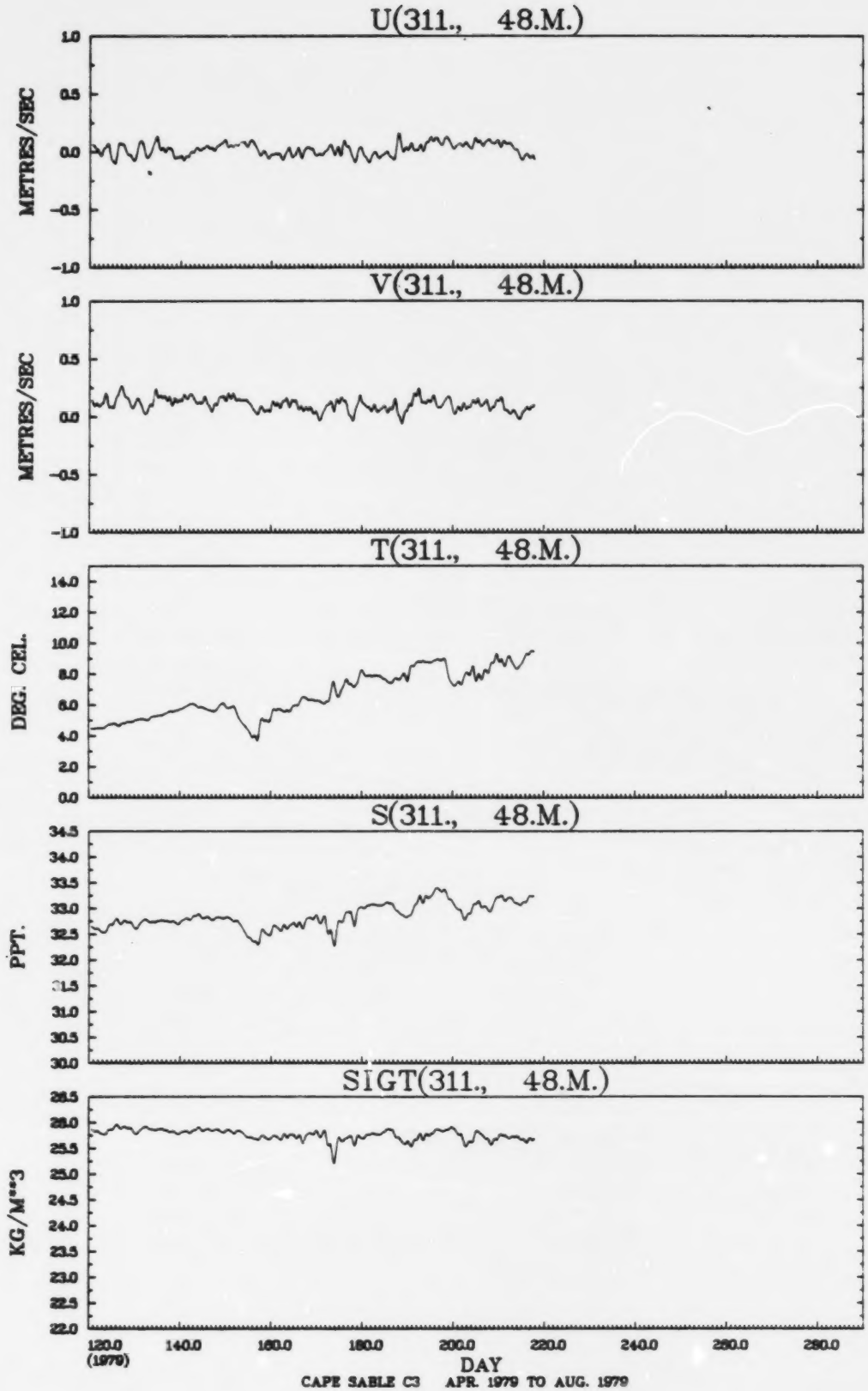
STN. 311, 48 M.



CAPE SABLE C3 APR. 1979 TO AUG.



CAPE SABLE C3 APR.1979 TO AUG. 1979


U(311., 48.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(311., 48.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(311., 48.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(311., 48.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(311., 48.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
120.0
(1979)
140.0
160.0
180.0
200.0
220.0
240.0
260.0
280.0
DAY
CAPE SABLE C3 APR. 1979 TO AUG. 1979

JOINT DISTRIBUTION (PERCENT)

D(311., 48.M.) VS R(311., 48.M.)

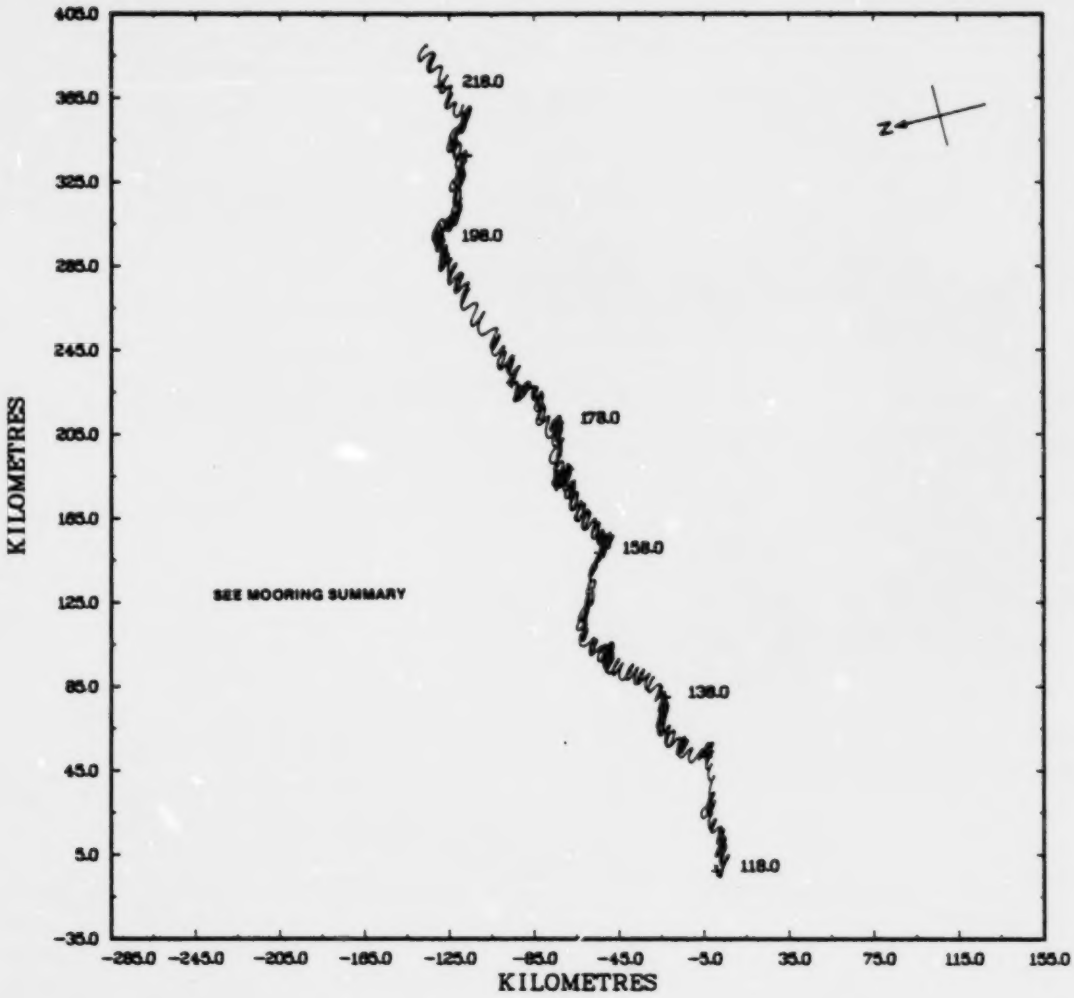
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20	1	*				.0								
1.00 TO	1.10	14	*				.3	.2							
.90 TO	1.00	57	*				1.0	1.3							
.80 TO	.90	100	*				1.8	2.0					.1	.2	
.70 TO	.80	191	*				2.6	3.7					.8	.6	
.60 TO	.70	304	*			.0	3.7	4.5	.0			.0	2.3	1.8	
.50 TO	.60	360	*			.1	3.8	4.1	.1				2.7	3.6	.2
.40 TO	.50	357	*			.4	2.9	2.6	.5			.2	2.9	4.3	.6
.30 TO	.40	383	*	.4	.2	1.6	2.0	1.7	1.0	.2	.2	.8	2.4	3.9	1.3
.20 TO	.30	406	*	1.3	.9	1.8	1.0	1.3	1.6	.7	.8	1.3	1.7	2.4	1.7
.10 TO	.20	246	*	1.5	1.1	.6	.4	.5	.7	.7	1.1	1.2	.7	.4	1.0
-.00 TO	.10	45	*	.4	.2	.2	.1	.0	.1	.2	.2	.1	.1	.0	.2
OUT OF RANGE		0	0												
SUB TOTAL		2464	0	87	59	118	484	541	100	44	56	92	339	422	122

JOINT DISTRIBUTION (PERCENT)

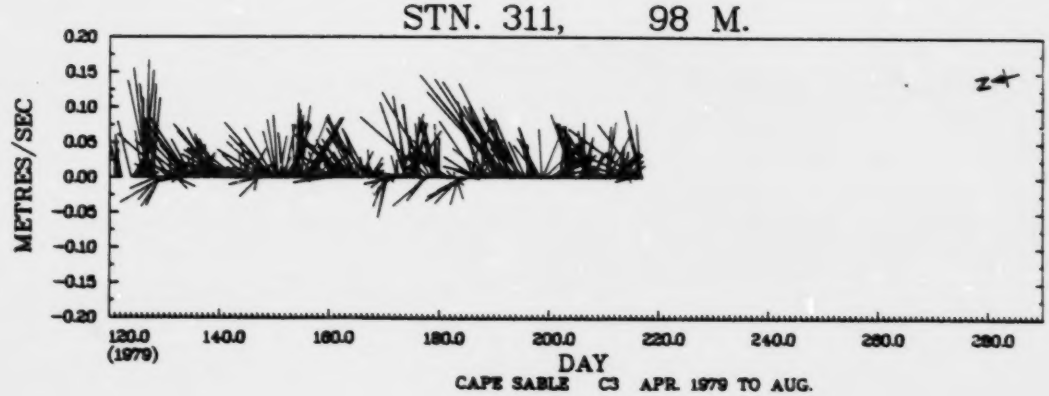
T(311., 48.M.) VS S(311., 48.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00	23	*					.8	.1				
33.00 TO	33.50	697	*				1.1	18.7	8.5	.0			
32.50 TO	33.00	1555	*			13.0	37.0	12.2	.9				
32.00 TO	32.50	182	*		.1	4.7	1.9	.7					
31.50 TO	32.00	7	*		.0			.2	.0				
31.00 TO	31.50		*										
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		2464	0		3	435	986	803	236	1			

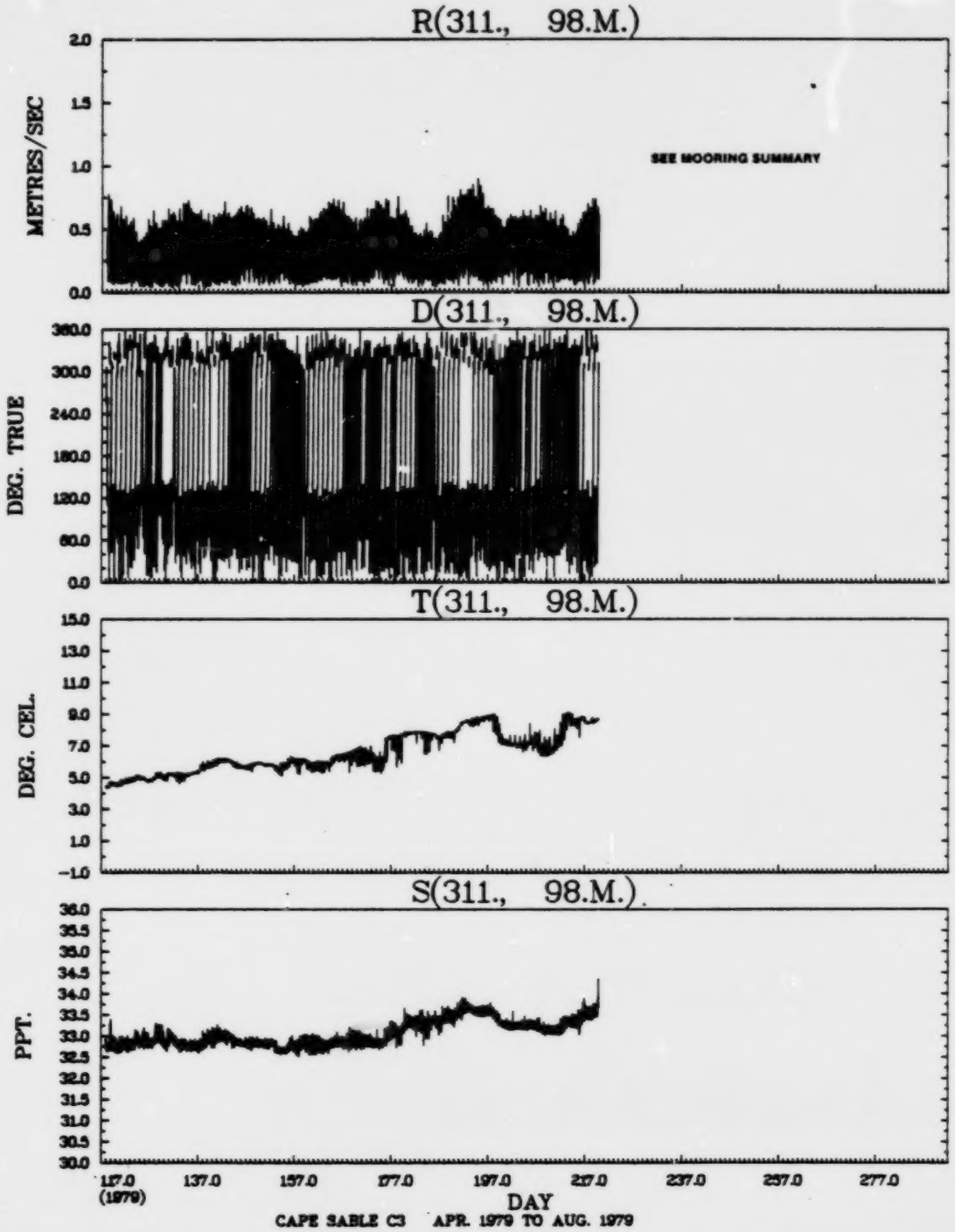
STN. 311, 98 M.

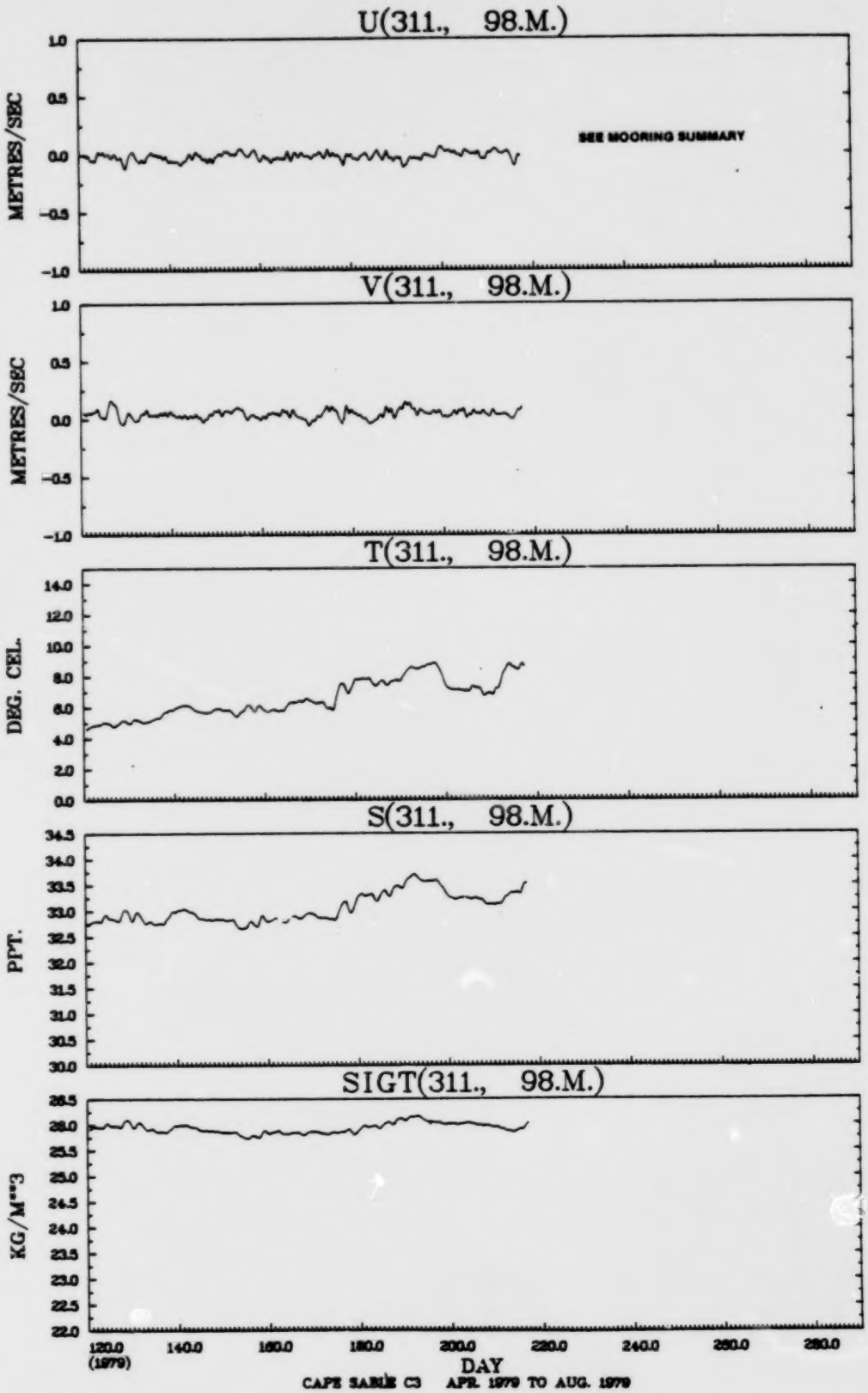


STN. 311, 98 M.



CAPE SABLE C3 APR. 1979 TO AUG.


R(311., 98.M.)
METRES/SEC
SEE MOORING SUMMARY
D(311., 98.M.)
DEG. TRUE
T(311., 98.M.)
DEG. CEL.
S(311., 98.M.)
PPT.
DAY
CAPE SABLE C3 APR. 1979 TO AUG. 1979


U(311., 98.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
SEE MOORING SUMMARY
V(311., 98.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(311., 98.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(311., 98.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(311., 98.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
120.0
(1979)
140.0
160.0
180.0
200.0
220.0
240.0
260.0
280.0
DAY
CAPE SABLE C3 APR. 1979 TO AUG. 1979

JOINT DISTRIBUTION (PERCENT)

D(311., 98.M.) VS R(311., 98.M.)

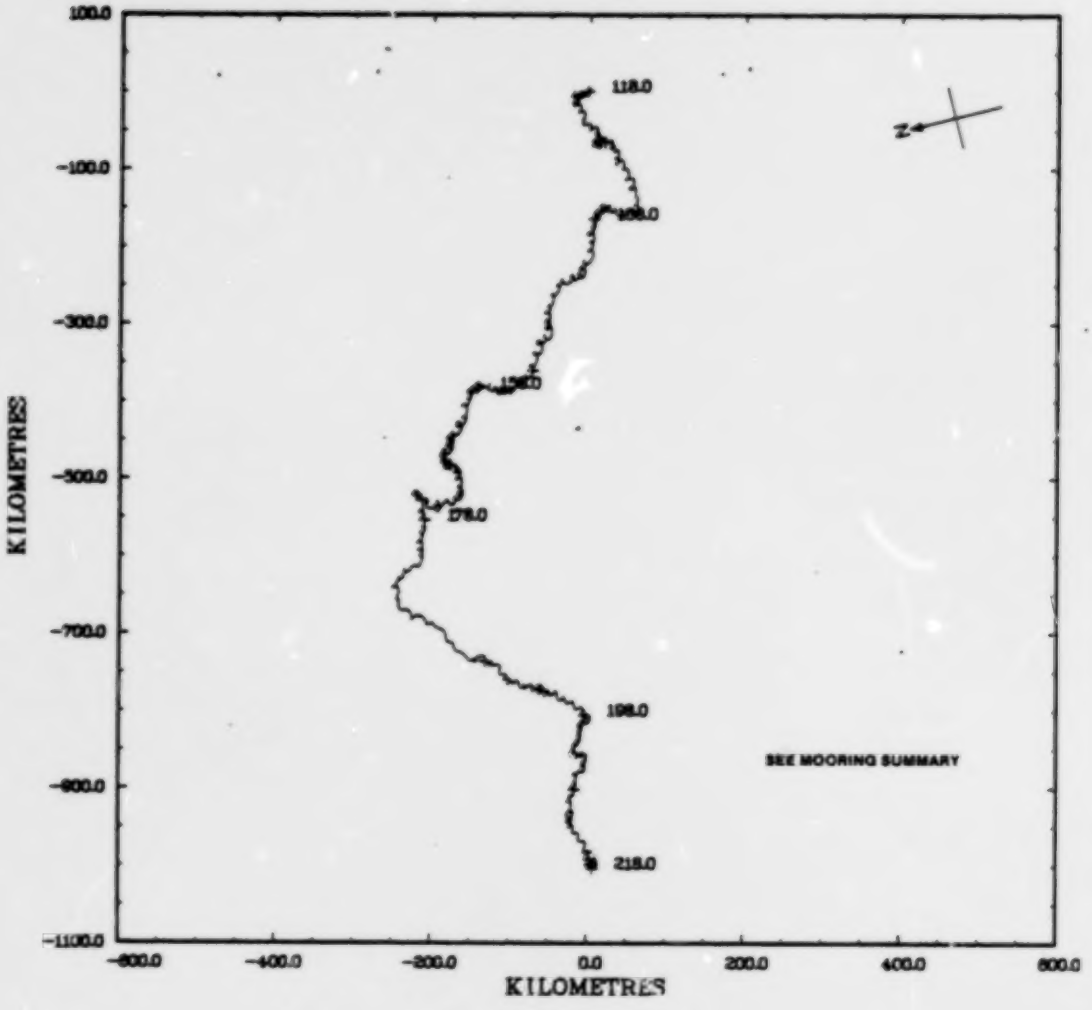
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90	1	*					.0							
.70 TO	.80	19	*				.1	.7							
.60 TO	.70	116	*				.8	3.1					.1	.7	
.50 TO	.60	382	*			.0	3.0	6.8					.9	4.5	.4
.40 TO	.50	499	*			.2	3.6	5.9	.2			.1	1.6	8.1	.8
.30 TO	.40	482	*	.1	.1	.8	3.4	4.2	.6			.1	2.1	6.6	1.8
.20 TO	.30	425	*	.6	.6	1.6	2.2	2.4	1.3	.0	.1	.4	1.5	4.1	2.6
.10 TO	.20	408	*	1.5	1.4	1.6	1.9	1.1	1.5	.9	.8	1.0	1.3	1.6	2.2
-.00 TO	.10	115	*	.7	.9	.5	.3	.1	.3	.4	.3	.4	.3	.1	.4
OUT OF RANGE		0	0												
SUB TOTAL		2447	0	69	72	114	375	594	96	34	30	50	187	628	198

JOINT DISTRIBUTION (PERCENT)

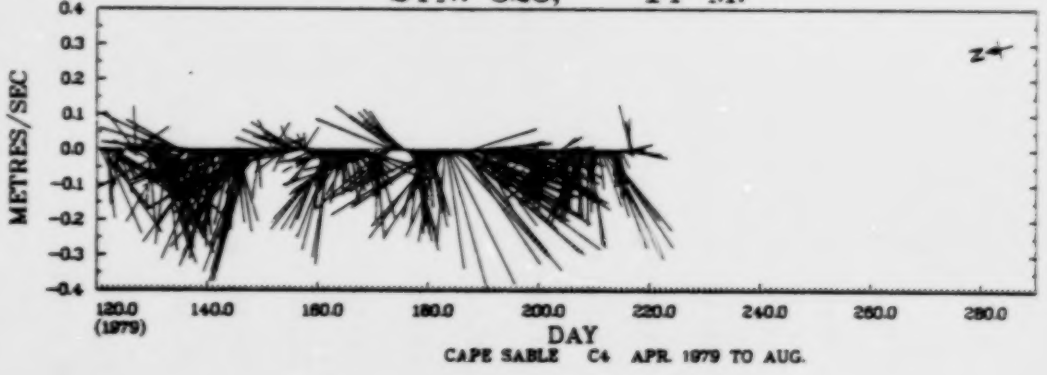
T(311., 98.M.) VS S(311., 98.M.)

PPT.	DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00	268	*					11.0					
33.00 TO	33.50	899	*			.1	10.5	26.0	.2				
32.50 TO	33.00	1280	*			10.1	42.1	.2					
32.00 TO	32.50		*										
31.50 TO	32.00		*										
31.00 TO	31.50		*										
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		2447	0			248	1286	908	5				

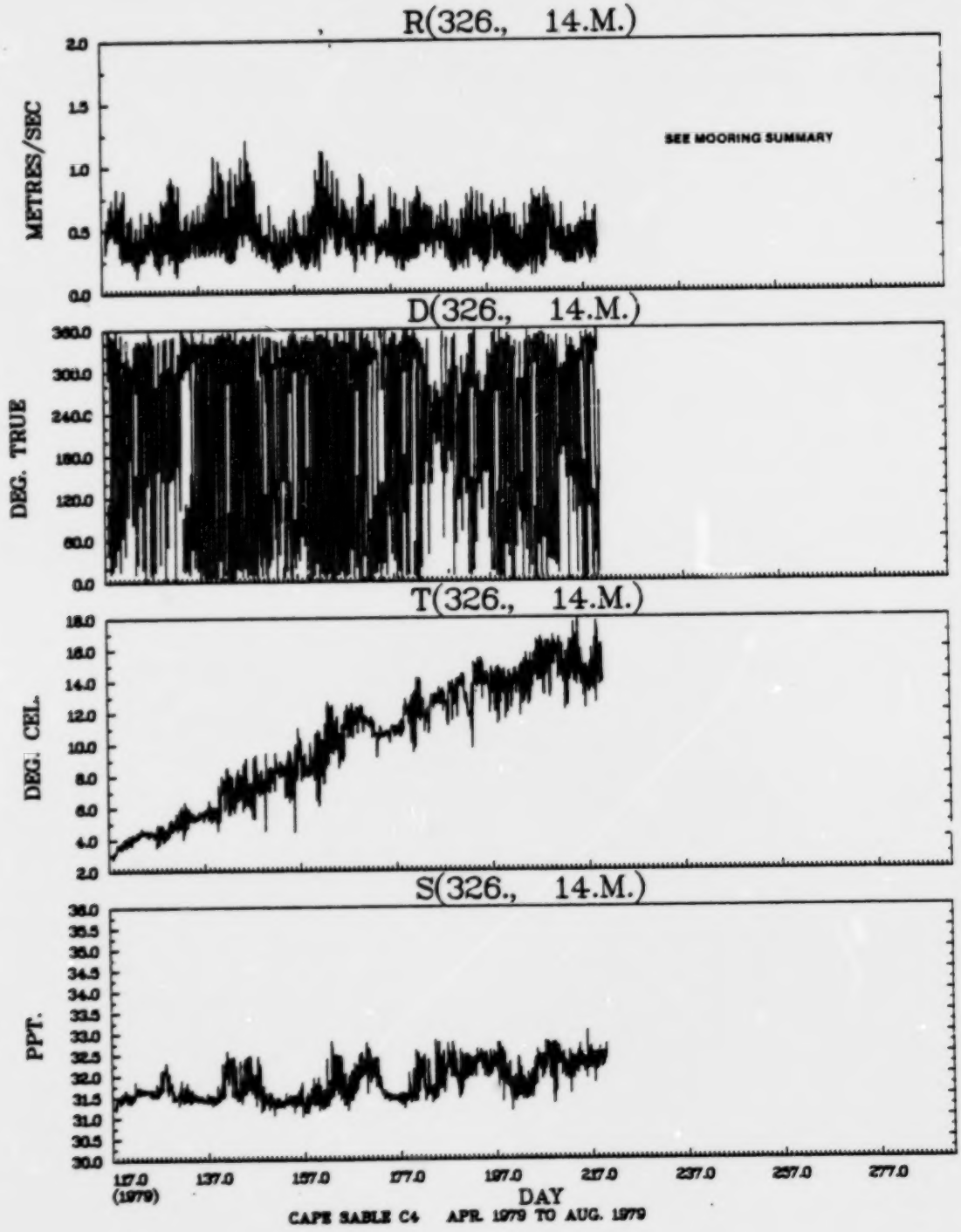
STN. 326, 14 M.

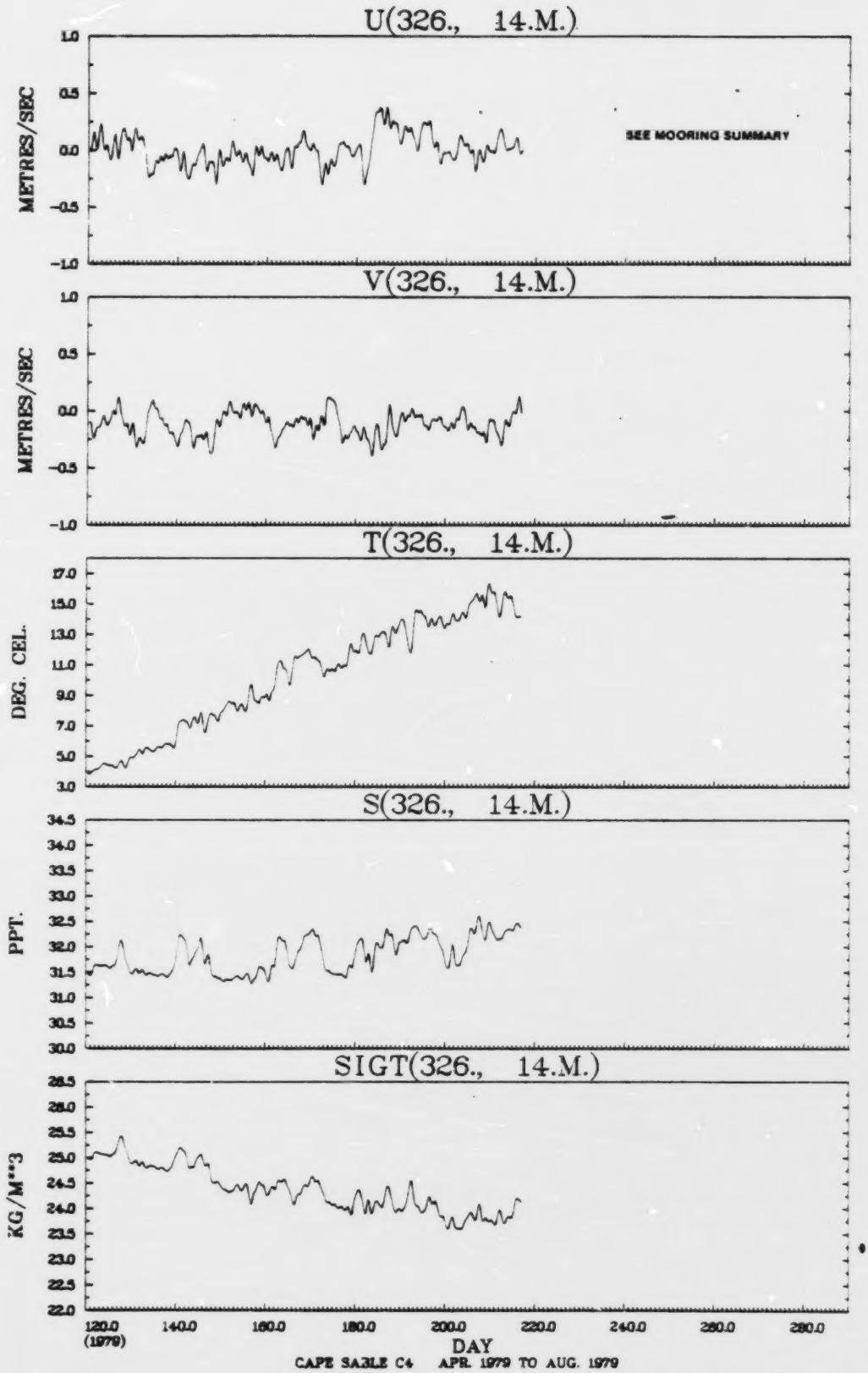


STN. 326, 14 M.



CAPE SABLE C4 APR. 1979 TO AUG.


R(326., 14.M.)
METRES/SEC
SEE MOORING SUMMARY
D(326., 14.M.)
DEG. TRUE
T(326., 14.M.)
DEG. CEL.
S(326., 14.M.)
PPT.
DAY
(1979)
CAPE SABLE C4 APR. 1979 TO AUG. 1979


U(326., 14.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
SEE MOORING SUMMARY
V(326., 14.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(326., 14.M.)
DEG. CEL.
17.0
15.0
13.0
11.0
9.0
7.0
5.0
3.0
S(326., 14.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(326., 14.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
120.0
(1979)
140.0
160.0
180.0
200.0
220.0
240.0
260.0
280.0
DAY
CAPE SABLE C4 APR. 1979 TO AUG. 1979

JOINT DISTRIBUTION (PERCENT)

D(326., 14.M.) VS R(326., 14.M.)

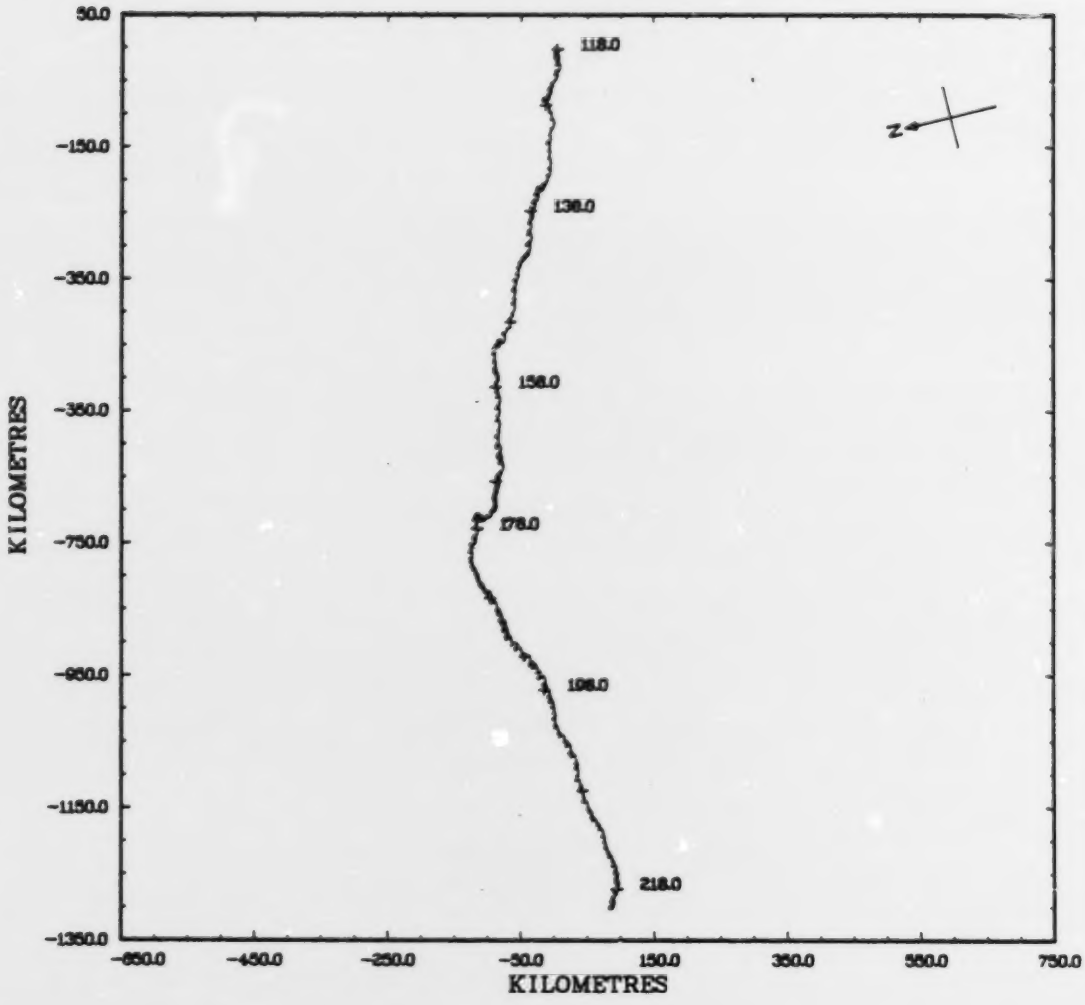
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20	2	*										.0	.0	
1.00 TO	1.10	8	*										.1	.1	.1
.90 TO	1.00	18	*										.2	.4	.1
.80 TO	.90	45	*									.1	.9	.6	.3
.70 TO	.80	91	*	.1	.0	.0		.1		.0		.4	1.0	1.6	.4
.60 TO	.70	234	*	.2	.1	.2	.2	.8	.8	.4	.4	1.0	2.9	2.0	.6
.50 TO	.60	416	*	.7	.5	.4	1.3	1.5	1.5	1.2	.7	1.8	3.1	3.3	1.1
.40 TO	.50	605	*	1.1	.6	1.3	2.0	2.8	2.7	1.8	1.1	2.0	3.0	4.4	1.8
.30 TO	.40	601	*	1.3	1.1	1.3	2.3	3.3	2.7	1.7	1.5	1.6	2.8	2.6	2.2
.20 TO	.30	332	*	.9	.7	1.3	1.2	1.2	1.0	1.2	1.3	1.0	1.2	1.3	1.2
.10 TO	.20	89	*	.3	.5	.2	.3	.2	.2	.3	.4	.4	.1	.2	.4
-.00 TO	.10	9	*							.1	.0		.0	.1	.0
OUT OF RANGE		0	0												
SUB TOTAL		2450	0	112	90	119	181	243	218	167	131	203	373	409	204

JOINT DISTRIBUTION (PERCENT)

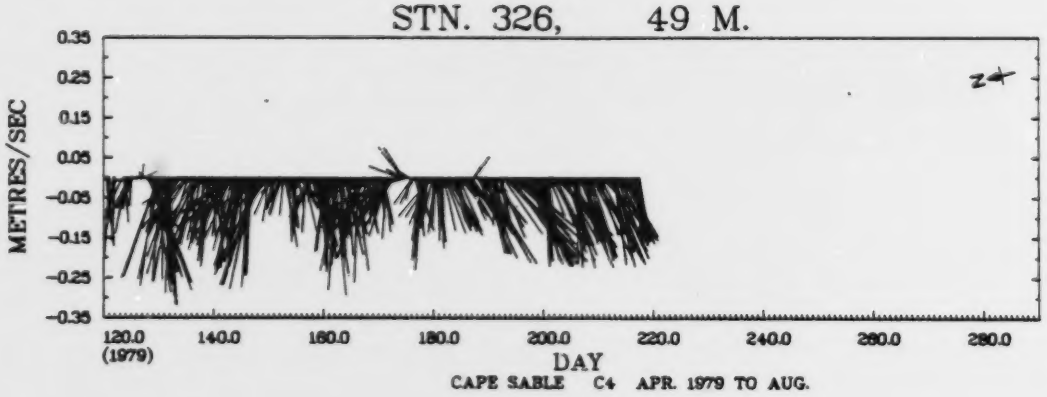
T(326., 14.M.) VS S(326., 14.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	90	*						.0	.9	1.6	1.2	
32.00 TO	32.50	848	*			1.1	.5	2.9	.9	9.1	13.3	6.5	.2
31.50 TO	32.00	829	*			8.5	4.7	3.2	5.1	5.3	6.7	.4	
31.00 TO	31.50	683	*		.2	3.3	7.1	8.5	5.8	2.7	.2		
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		2450	0		5	317	301	359	290	438	536	198	6

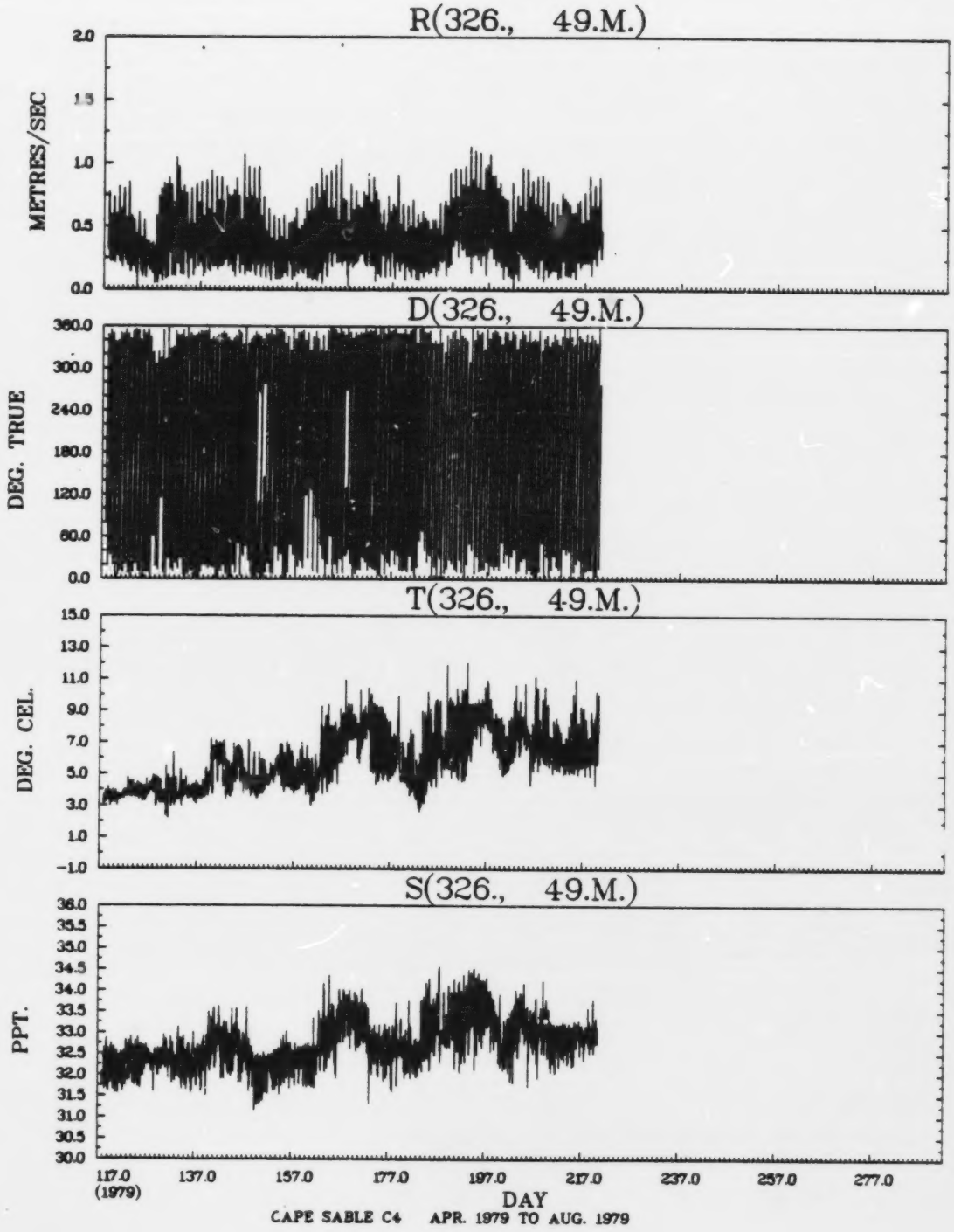
STN. 326, 49 M.

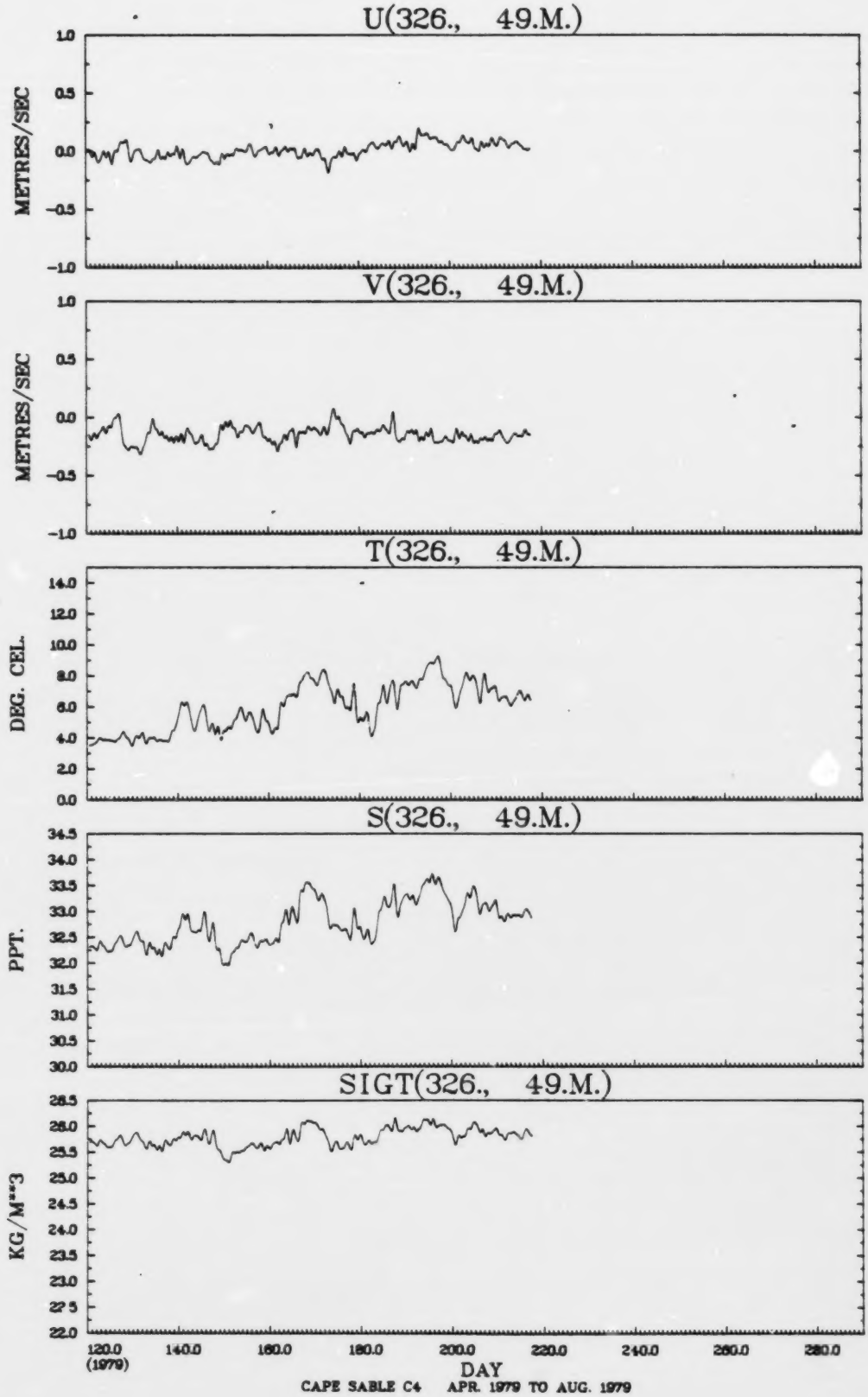


STN. 326, 49 M.



CAPE SABLE C4 APR. 1979 TO AUG.


R(326., 49.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(326., 49.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(326., 49.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(326., 49.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
117.0
(1979)
137.0
157.0
177.0
197.0
217.0
237.0
257.0
277.0
DAY
CAPE SABLE C4 APR. 1979 TO AUG. 1979


U(326., 49.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(326., 49.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(326., 49.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(326., 49.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(326., 49.M.)
KG/M**3
28.5
28.0
27.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
120.0
(1979)
140.0
160.0
180.0
200.0
220.0
240.0
260.0
280.0
DAY
CAPE SABLE C4 APR. 1979 TO AUG. 1979

JOINT DISTRIBUTION (PERCENT)

D(326., 49.M.) VS R(326., 49.M.)

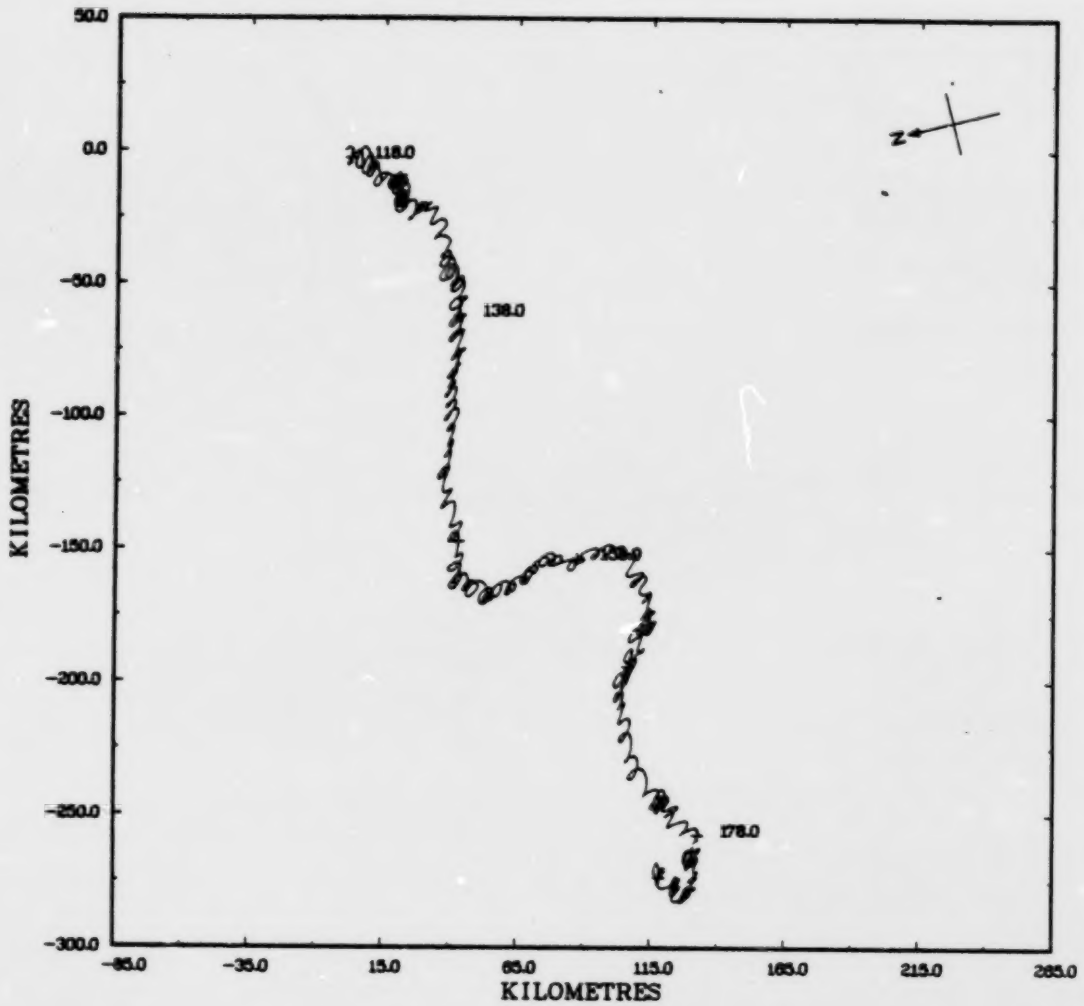
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10	6	*										.2	.0	
.90 TO	1.00	27	*									.2	.8	.1	
.80 TO	.90	79	*							.0	.0	.6	1.9	.6	
.70 TO	.80	128	*						.2		.1	.6	2.2	2.1	
.60 TO	.70	207	*					.4	.2	.1	.3	1.2	2.8	3.2	.2
.50 TO	.60	291	*				.5	.8	.4	.4	.5	1.5	3.2	4.1	.4
.40 TO	.50	391	*	.2		.2	1.6	2.0	1.2	.8	.9	1.7	2.1	3.5	1.8
.30 TO	.40	567	*	.9	.6	1.3	1.9	4.6	3.0	1.6	1.7	1.7	1.4	2.1	2.2
.20 TO	.30	507	*	1.7	1.5	1.4	3.4	3.2	2.2	1.7	1.4	.9	.4	1.2	1.7
.10 TO	.20	224	*	1.2	1.3	1.2	1.1	.7	.7	.4	.6	.6	.4	.2	.7
-.00 TO	.10	35	*	.1	.3	.3	.2	.1	.1	.1	.0	.0		.0	
OUT OF RANGE		0	0												
SUB TOTAL		2462	0	98	88	108	217	292	196	127	139	220	380	420	177

JOINT DISTRIBUTION (PERCENT)

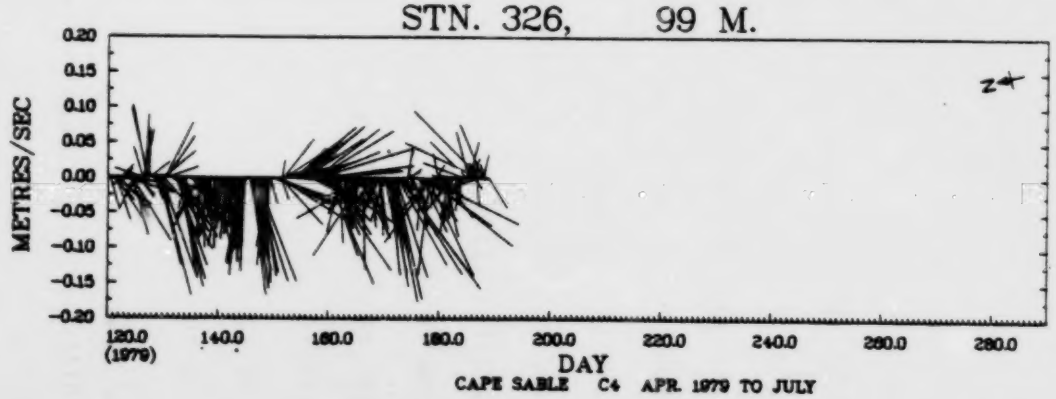
T(326., 49.M.) VS S(326., 49.M.)

PPT.	DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50	34	*					.1	1.3				
33.50 TO	34.00	181	*				.1	5.6	1.6				
33.00 TO	33.50	551	*				8.0	13.2	1.2				
32.50 TO	33.00	902	*			10.8	20.0	5.2	.6				
32.00 TO	32.50	662	*			21.1	5.6	.2					
31.50 TO	32.00	126	*			4.8	.3		.0				
31.00 TO	31.50	6	*				.2						
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		2462	0			903	843	598	118				

STN. 326, 99 M.

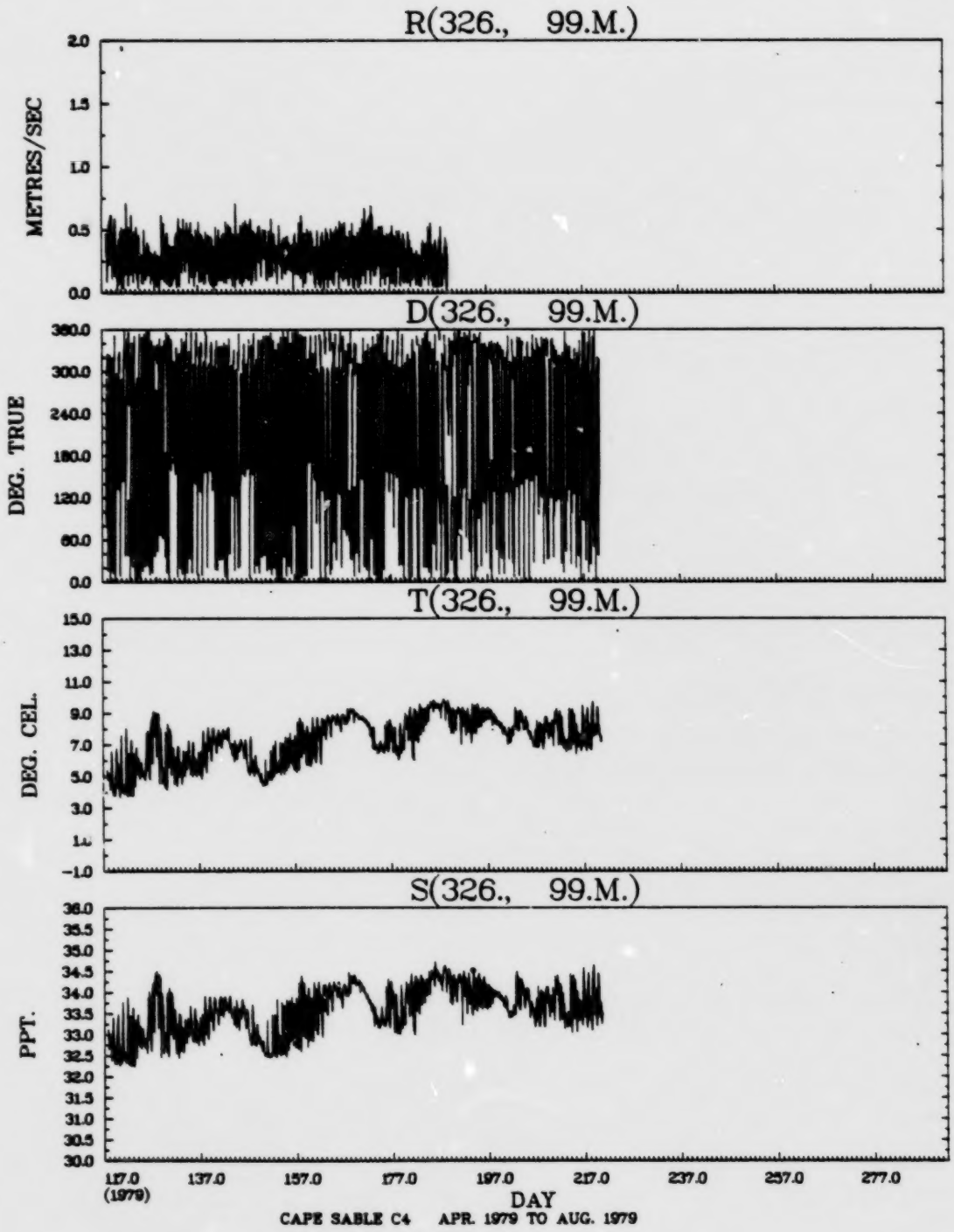


STN. 326, 99 M.

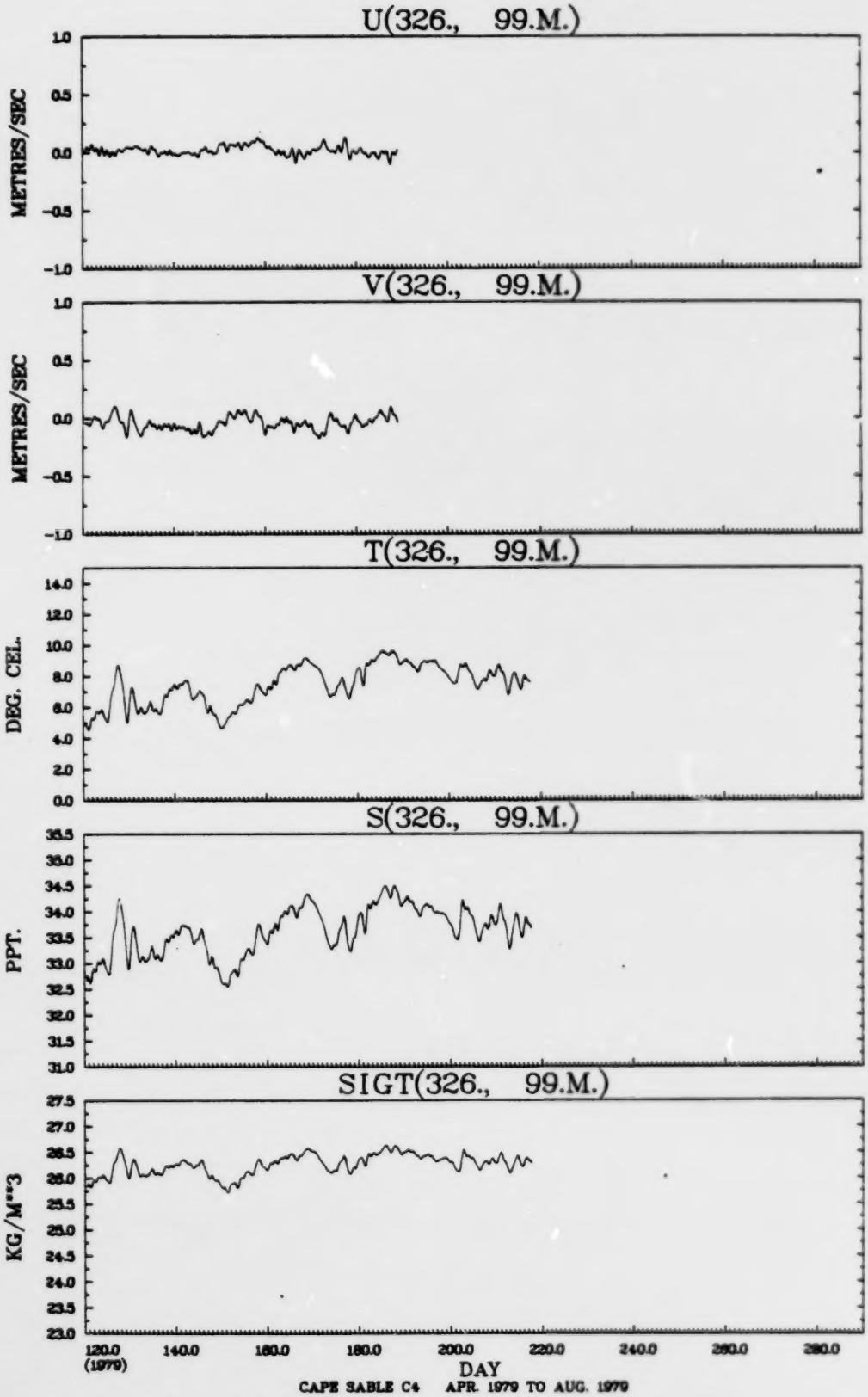


CAPE SABLE C4 APR. 1979 TO JULY

Rotor lost on day 189 (1979)



Rotor lost on day 189 (1979)



Rotor lost on day 189 (1979)

JOINT DISTRIBUTION (PERCENT)

D(326., 99.M.) VS R(326., 99.M.)

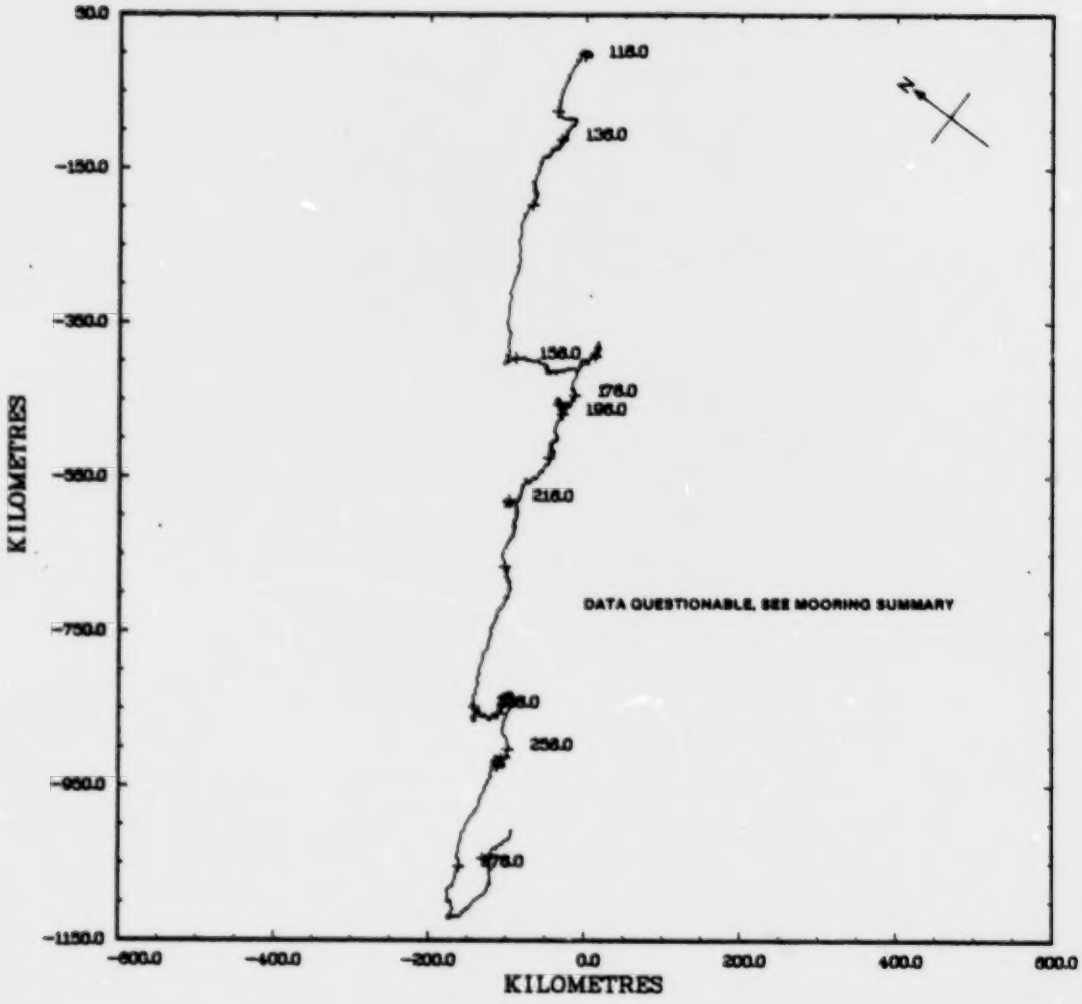
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90		*												
.70 TO	.80		*												
.60 TO	.70	5	*									.1	.2		
.50 TO	.60	67	*					.7	.5			.2	1.3	1.2	.1
.40 TO	.50	298	*				.5	3.7	2.0	.2	.3	.4	2.1	7.0	1.3
.30 TO	.40	467	*	.5		.1	1.1	6.3	4.6	1.2	.4	.9	3.3	6.1	3.0
.20 TO	.30	463	*	1.1	.9	.6	2.1	4.8	3.7	1.7	1.2	1.5	3.2	4.0	2.4
.10 TO	.20	316	*	1.2	1.3	.9	1.5	1.9	2.0	1.8	1.2	1.6	1.8	2.0	1.4
-.00 TO	.10	93	*	.3	.1	.4	.6	.2	.7	.7	.4	.6	.5	.5	.4
OUT OF RANGE		0	0												
SUB TOTAL		1709	0	91	40	34	98	301	230	96	59	90	210	355	145

JOINT DISTRIBUTION (PERCENT)

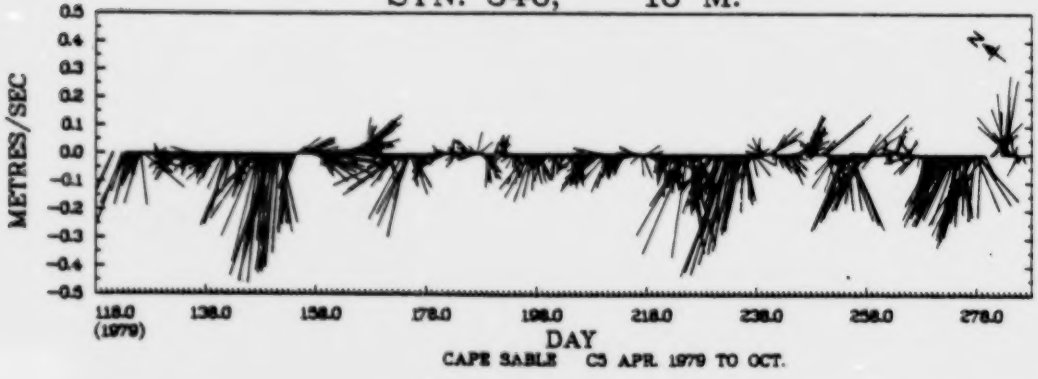
T(326., 99.M.) VS S(326., 99.M.)

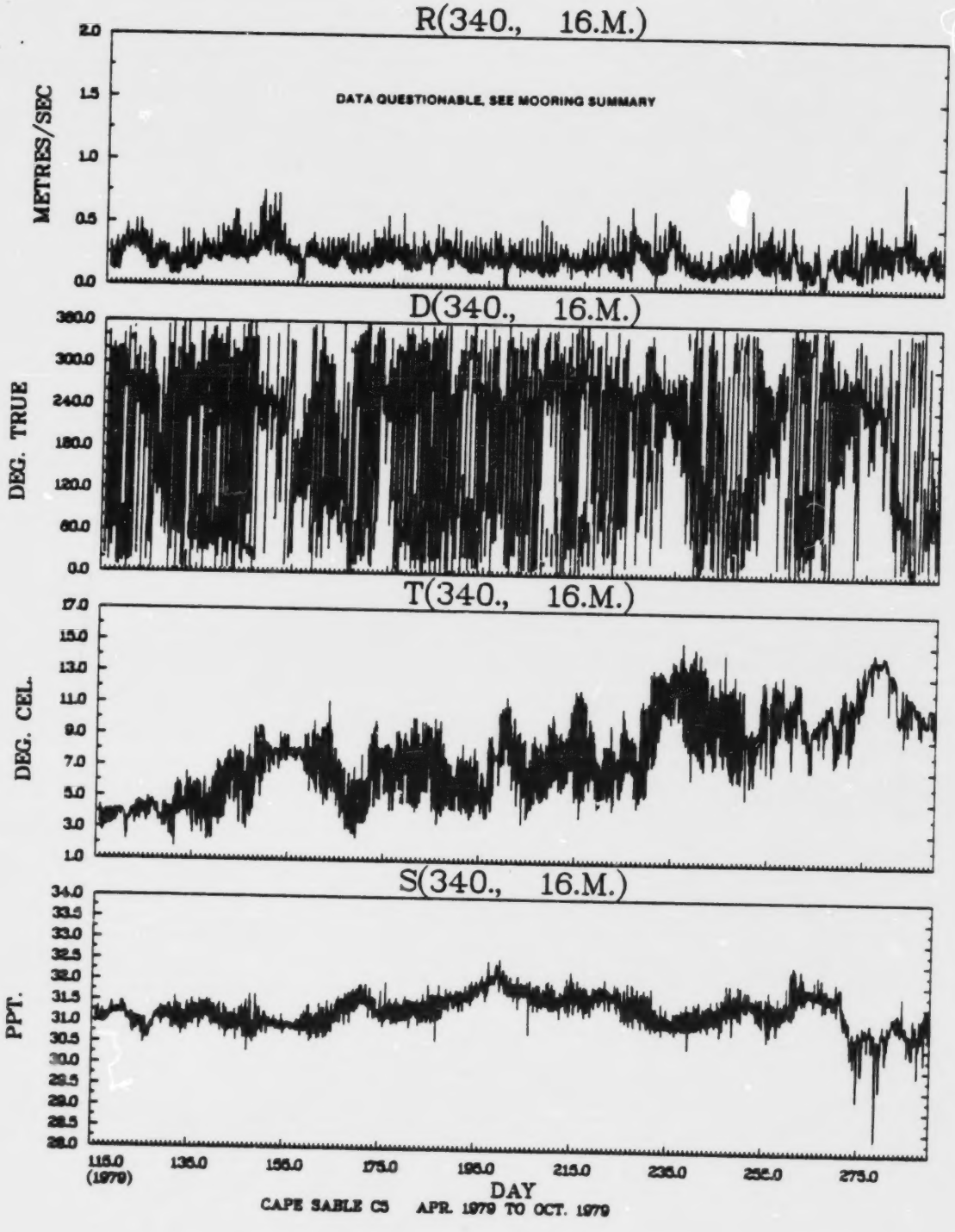
PPT. DEG. CEL.		SUM TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00	32	*						1.3				
34.00 TO	34.50	643	*					14.1	12.0				
33.50 TO	34.00	823	*				1.5	31.8	.1				
33.00 TO	33.50	572	*				19.5	3.7					
32.50 TO	33.00	336	*			4.4	9.3						
32.00 TO	32.50	57	*			1.7	.6						
31.50 TO	32.00		*										
31.00 TO	31.50		*										
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		2463	0			151	759	1223	330				

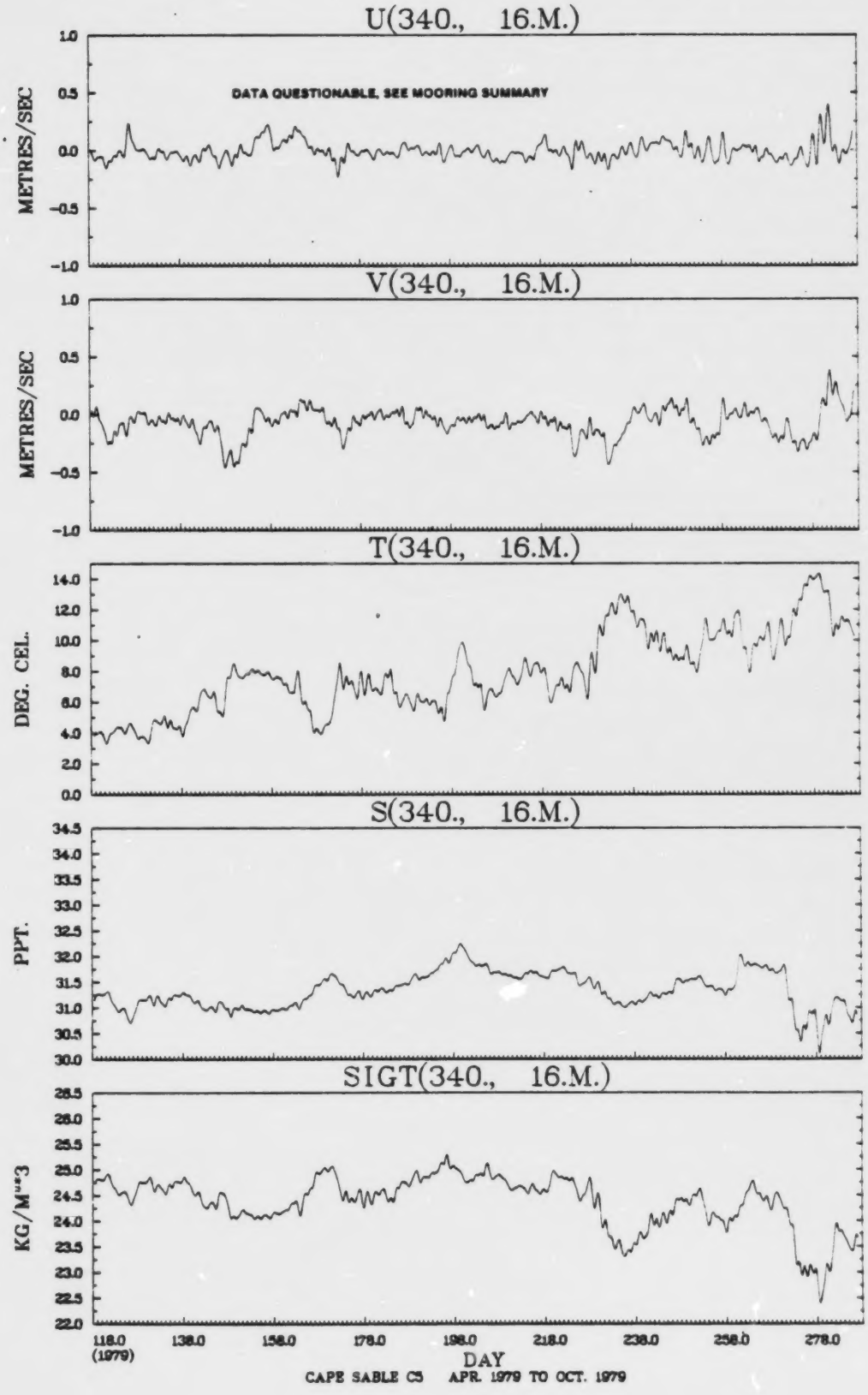
STN. 340, 16 M.



STN. 340, 16 M.




R(340., 16.M.)
DATA QUESTIONABLE, SEE MOORING SUMMARY
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(340., 16.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(340., 16.M.)
DEG. CEL.
17.0
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
S(340., 16.M.)
PPT.
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
28.5
28.0
115.0
(1979)
135.0
155.0
175.0
195.0
215.0
235.0
255.0
275.0
DAY
CAPE SABLE C5 APR. 1979 TO OCT. 1979


U(340., 16.M.)
DATA QUESTIONABLE, SEE MOORING SUMMARY
METRES/SEC
V(340., 16.M.)
METRES/SEC
T(340., 16.M.)
DEG. CEL.
S(340., 16.M.)
PPT.
SIGT(340., 16.M.)
KG/M**3
118.0
(1979)
138.0
158.0
178.0
198.0
218.0
238.0
258.0
278.0
DAY
CAPE SABLE C5 APR. 1979 TO OCT. 1979

JOINT DISTRIBUTION (PERCENT)

D(340.- 16.M.) VS R(340.- 16.M.)

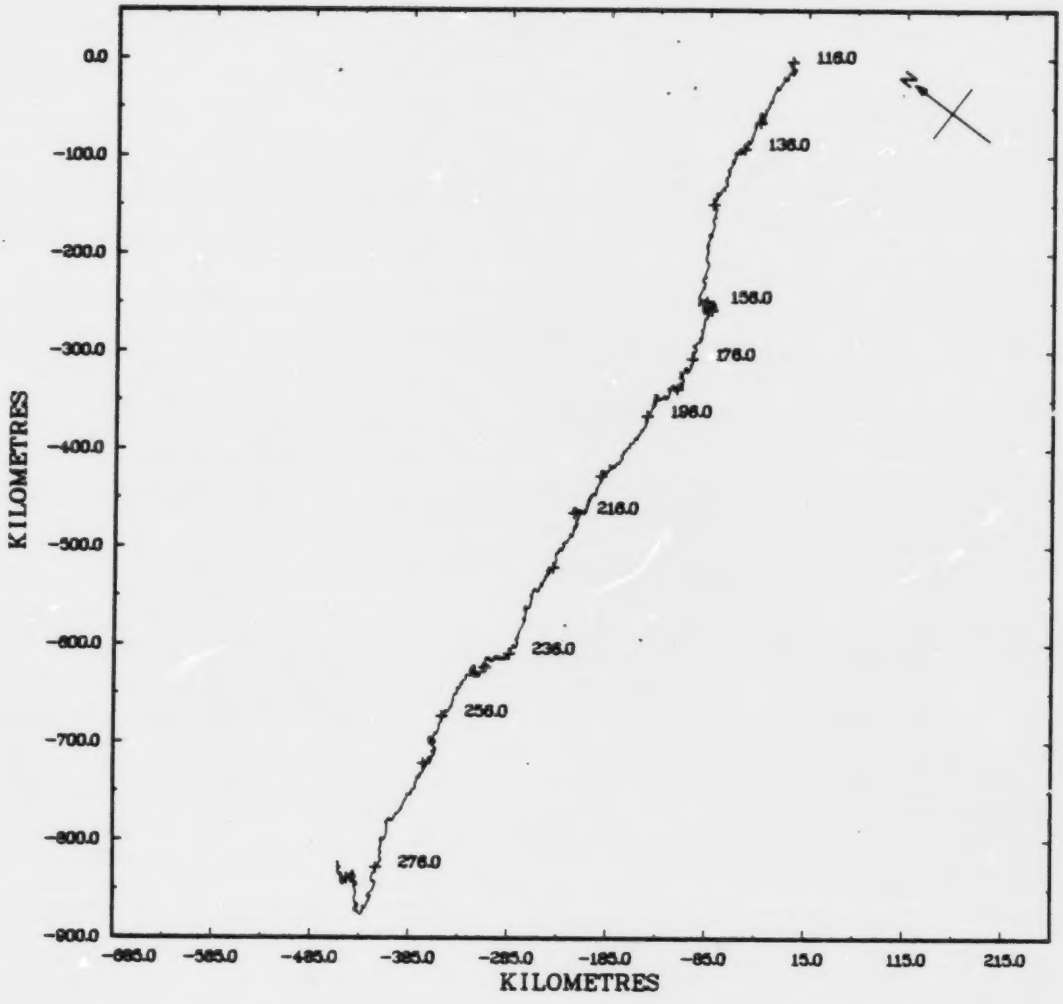
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90	1	*				.0								
.70 TO	.80	4	*				.1					.0			
.60 TO	.70	19	*		.0		.0				.1	.3			
.50 TO	.60	51	*		.1	.1	.1				.1	.9			
.40 TO	.50	214	*	.0	.1	.3	.3	.0	.0		.7	3.0	.6	.1	
.30 TO	.40	736	*	.2	.4	1.7	1.8	.7	.2	.8	2.2	6.4	2.6	.4	.2
.20 TO	.30	1659	*	1.1	1.7	4.4	4.7	2.7	2.1	2.0	4.7	7.8	5.5	1.8	1.3
.10 TO	.20	1313	*	1.9	2.1	2.9	3.3	3.0	2.4	2.9	2.9	3.2	3.0	2.2	1.8
-.00 TO	.10	180	*	.3	.3	.5	.5	.4	.5	.4	.5	.2	.3	.2	.2
OUT OF RANGE		0	0												
SUB TOTAL		4177	0	149	194	411	451	283	216	256	462	912	499	198	146

JOINT DISTRIBUTION (PERCENT)

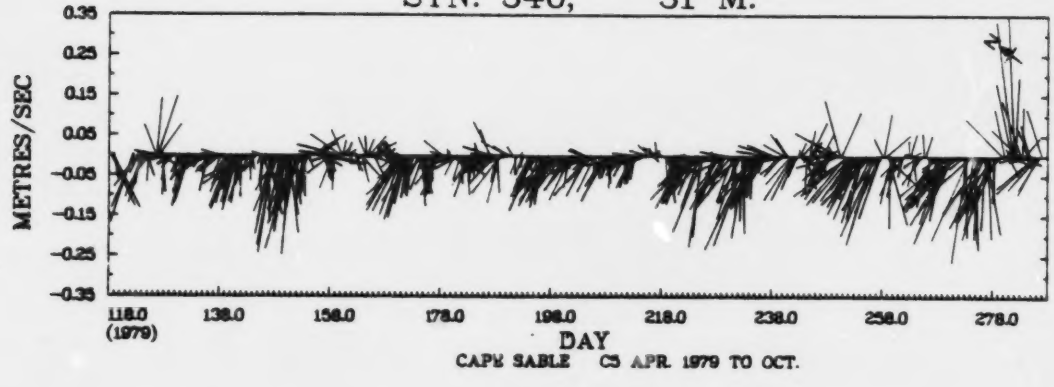
T(340., 16.M.) VS S(340., 16.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00		*										
32.00 TO	32.50	122	*			.1	.1	1.0	1.1	.5			
31.50 TO	32.00	1280	*		.1	2.8	10.7	10.6	5.2	1.2			
31.00 TO	31.50	1972	*		.3	12.2	8.9	9.9	8.8	6.6	.6		
30.50 TO	31.00	749	*			2.4	1.9	6.3	1.6	2.2	3.5		
30.00 TO	30.50	43	*					.0	.1	.5	.4		
OUT OF RANGE		11	0							1	10		
SUB TOTAL		4177	0		17	732	903	1163	702	462	198		

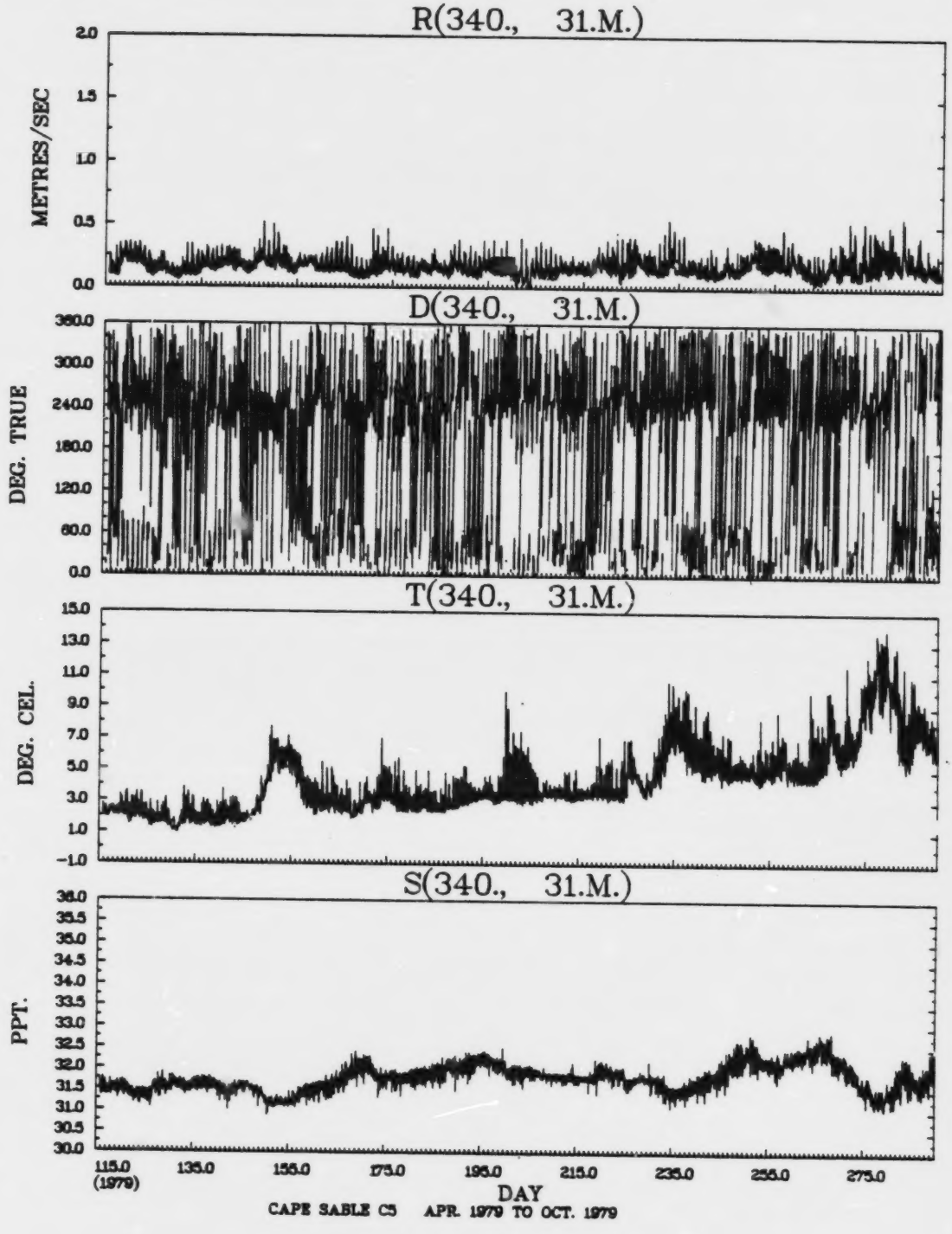
STN. 340, 31 M.

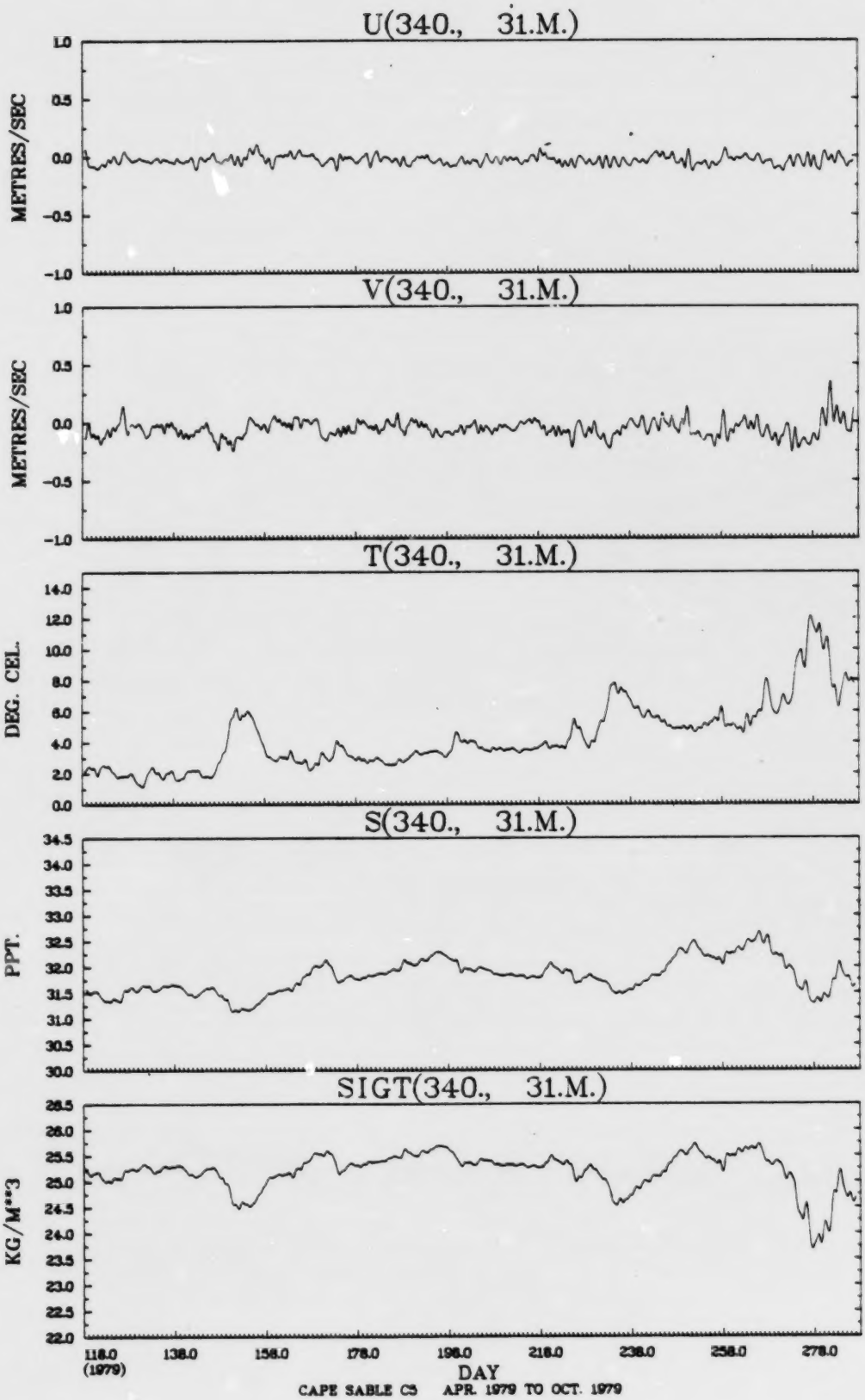


STN. 340, 31 M.



CAPE SABLE C5 APR. 1979 TO OCT.


R(340., 31.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(340., 31.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(340., 31.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(340., 31.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
115.0
(1979)
135.0
155.0
175.0
195.0
215.0
235.0
255.0
275.0
DAY
CAPE SABLE C5 APR. 1979 TO OCT. 1979


U(340., 31.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(340., 31.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(340., 31.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(340., 31.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(340., 31.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
118.0
(1979)
138.0
158.0
178.0
198.0
218.0
238.0
258.0
278.0
DAY
CAPE SABLE CS APR. 1979 TO OCT. 1979

JOINT DISTRIBUTION (PERCENT)

D(340., 31.M.) VS R(340., 31.M.)

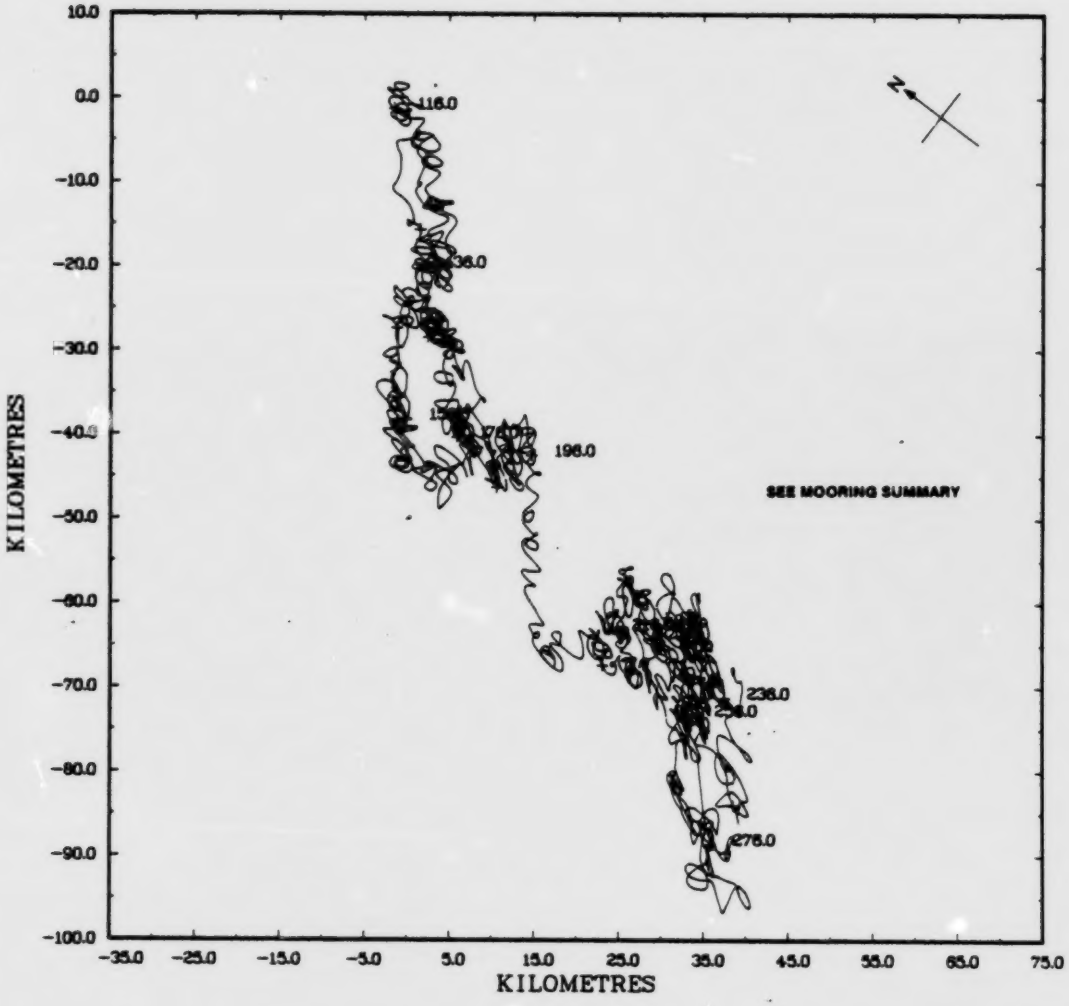
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90		*												
.70 TO	.80		*												
.60 TO	.70		*												
.50 TO	.60	4	*		.0							.1			
.40 TO	.50	42	*		.1	.0					.0	.8			
.30 TO	.40	229	*	.0	.3	.5	.0			.0	.7	3.6	.2		
.20 TO	.30	1008	*	.9	3.1	1.8	.4	.1	.3	.7	4.9	9.1	1.8	.4	.6
.10 TO	.20	2346	*	4.8	6.7	3.8	2.1	1.4	1.7	3.8	9.1	11.0	5.5	3.2	3.1
-.00 TO	.10	548	*	1.3	1.1	.7	.7	.9	1.3	.9	1.2	1.4	1.1	1.4	1.2
OUT OF RANGE		0	0												
SUB TOTAL		4177	0	292	471	288	132	99	134	228	672	1089	363	206	203

JOINT DISTRIBUTION (PERCENT)

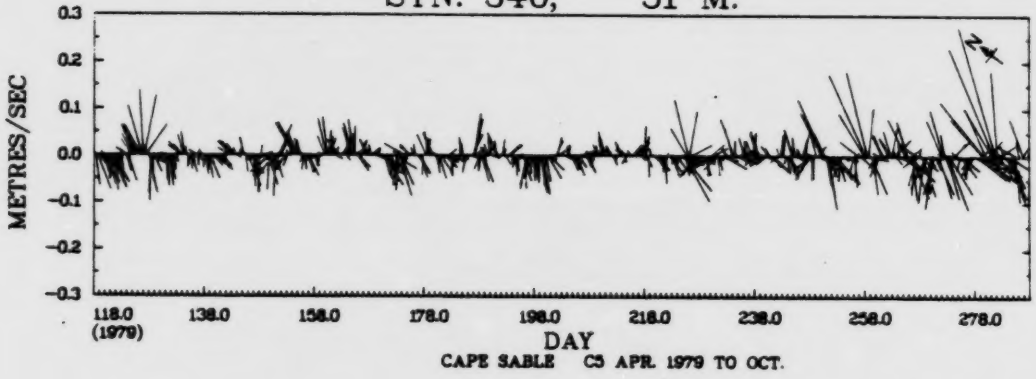
T(0., 31.M.) VS S(340., 31.M.)

DEG. CEL. PPT.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	99	*			1.1	.7	.4	.1				
32.00 TO	32.50	1029	*		3.7	12.7	7.3	.8	.1				
31.50 TO	32.00	2302	*		20.6	20.6	8.5	4.0	1.4				
31.00 TO	31.50	746	*		6.6	3.7	3.2	1.2	1.8	1.1	.2		
30.50 TO	31.00	1	*				.0						
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		4177	0		1292	1590	827	271	141	48	8		

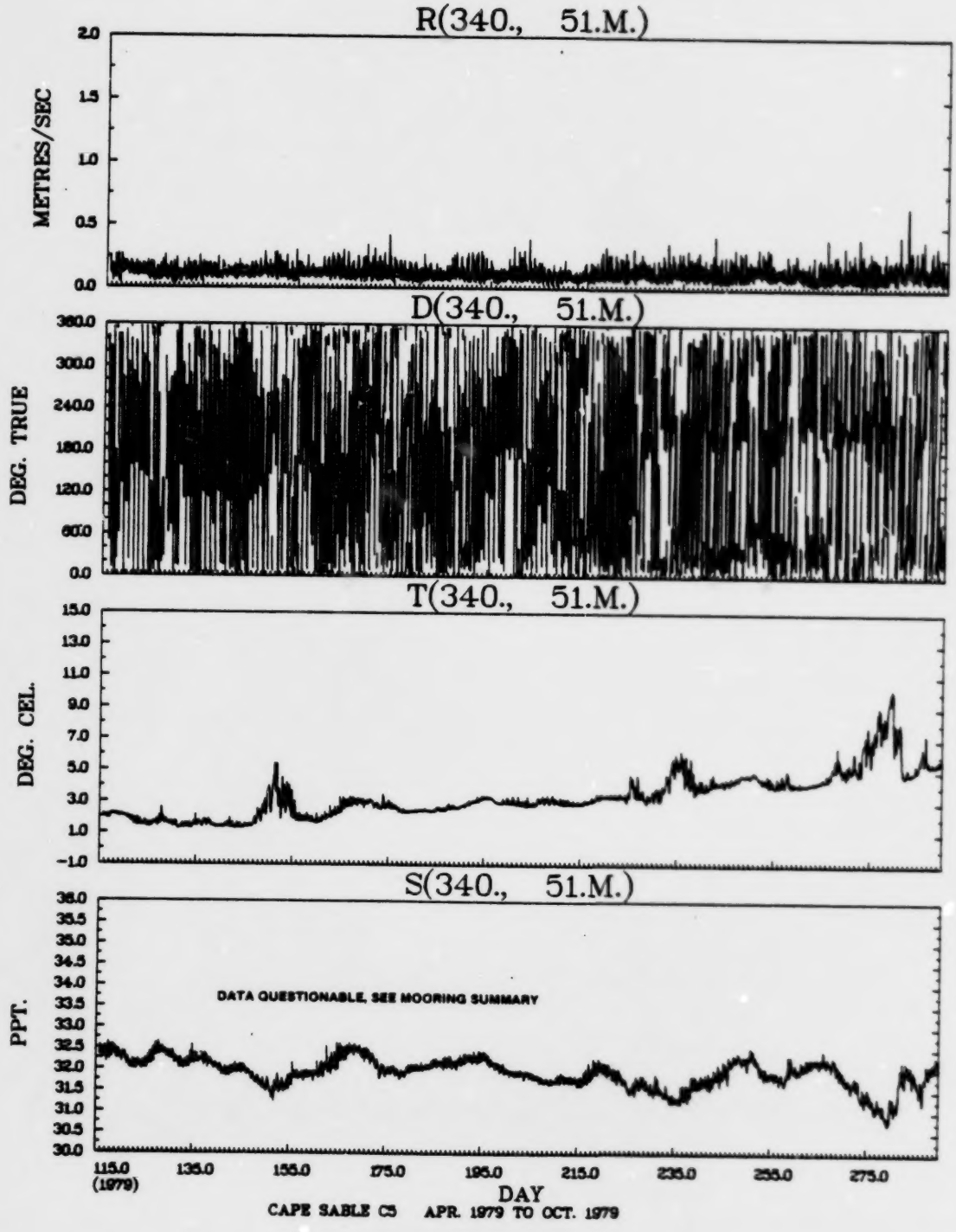
STN. 340, 51 M.

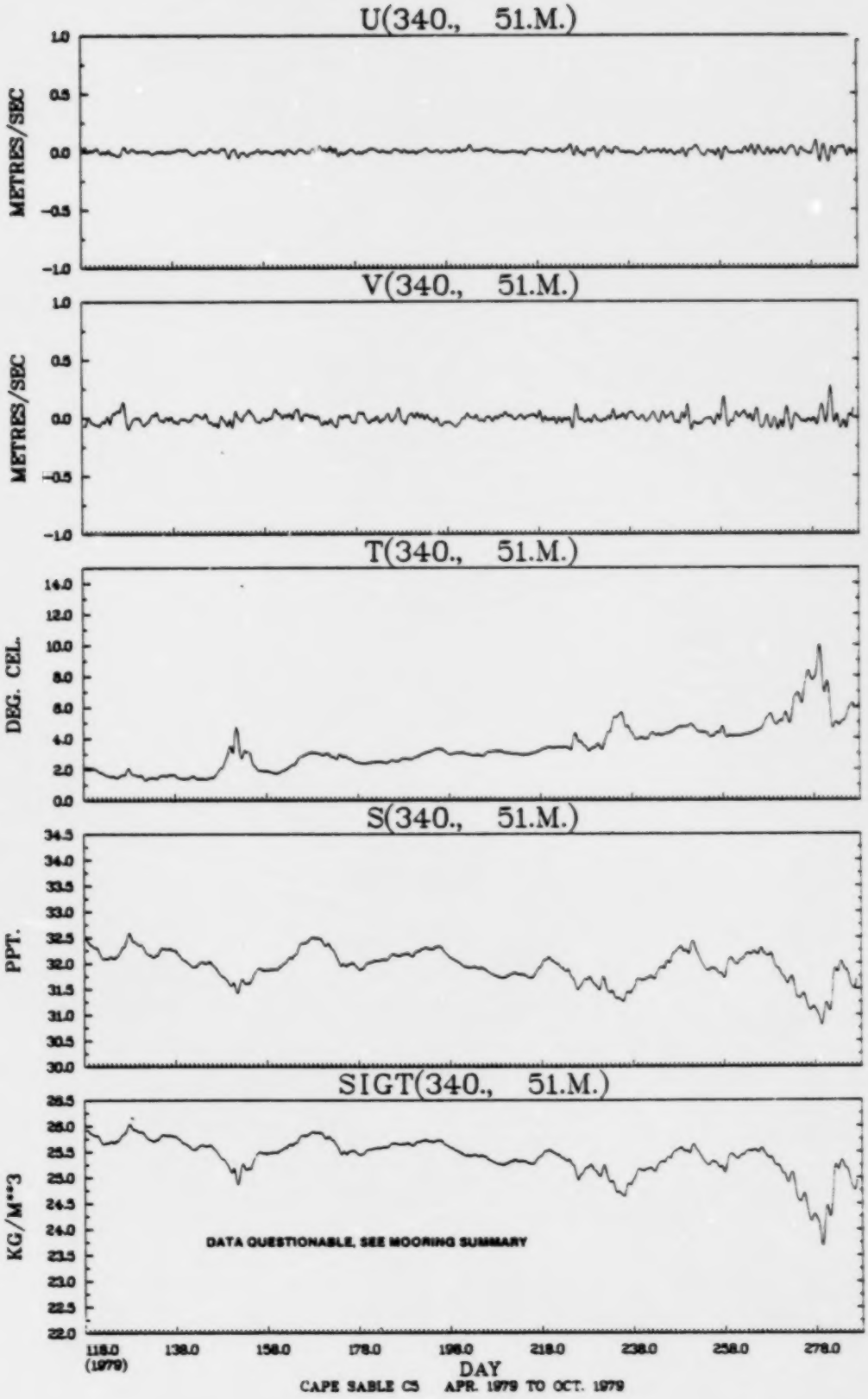


STN. 340, 51 M.



CAPE SABLE C5 APR. 1979 TO OCT.


R(340., 51.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(340., 51.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(340., 51.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(340., 51.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
DATA QUESTIONABLE, SEE MOORING SUMMARY
115.0
(1979)
135.0
155.0
175.0
195.0
215.0
235.0
255.0
275.0
DAY
CAPE SABLE C5 APR. 1979 TO OCT. 1979


U(340., 51.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(340., 51.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(340., 51.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(340., 51.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(340., 51.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
DATA QUESTIONABLE, SEE MOORING SUMMARY
118.0
(1979)
138.0
158.0
178.0
198.0
218.0
238.0
258.0
278.0
DAY
CAPE SABLE C5 APR. 1979 TO OCT. 1979

JOINT DISTRIBUTION (PERCENT)

D(340., 51.M.) VS R(340., 51.M.)

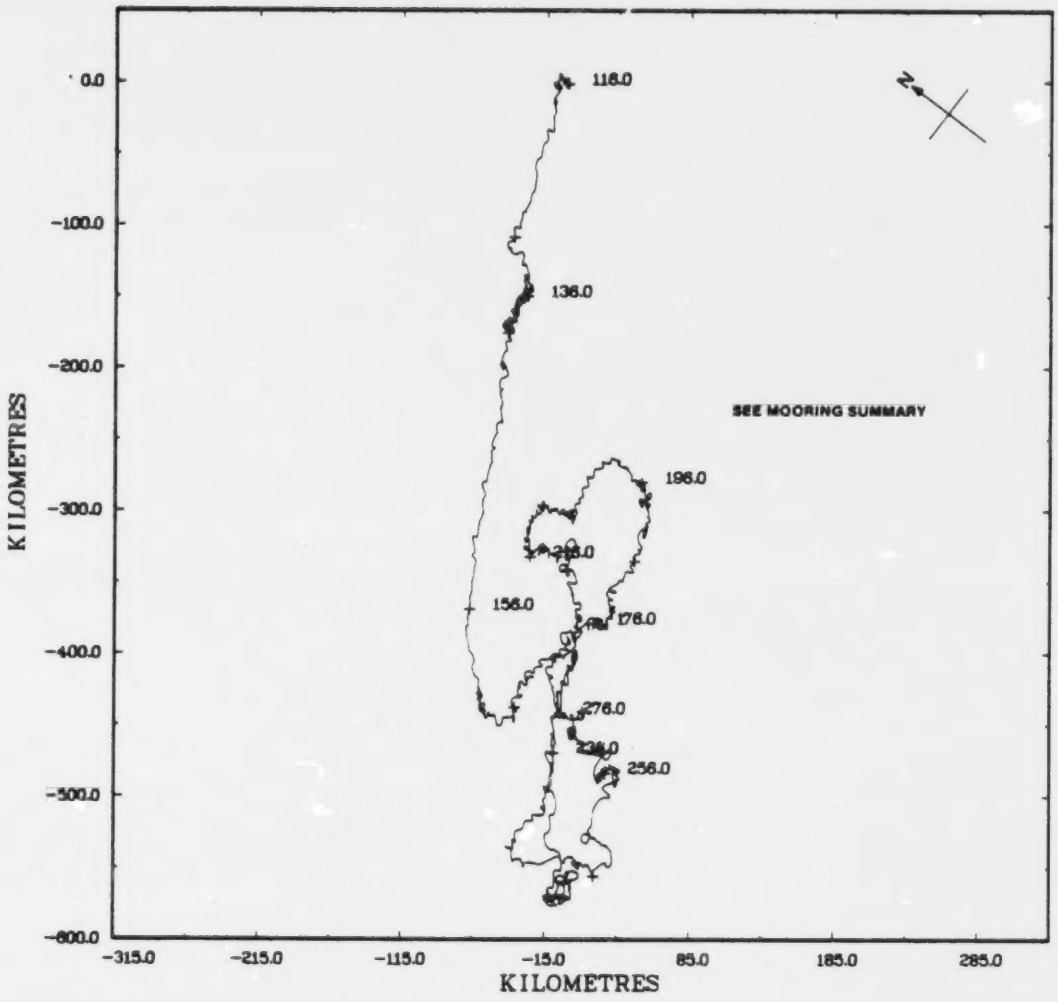
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.90 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90		*												
.70 TO	.80		*												
.60 TO	.70	2	*		.0										
.50 TO	.60	1	*		.0										
.40 TO	.50	4	*		.0					.0					
.30 TO	.40	33	*	.0	.1	.0			.1	.5	.1				
.20 TO	.30	410	*	1.1	2.0	.6	.0	.0	.4	2.5	2.1	.5	.0	.0	.5
.10 TO	.20	2358	*	6.3	7.4	3.7	2.4	2.9	4.6	7.1	6.7	3.9	3.5	3.3	4.6
-.00 TO	.10	1370	*	2.3	2.7	2.4	2.8	3.3	2.8	2.6	2.8	2.8	2.9	2.3	2.9
OUT OF RANGE		0	0												
SUB TOTAL		4178	0	407	516	283	223	259	328	533	488	301	271	233	336

JOINT DISTRIBUTION (PERCENT)

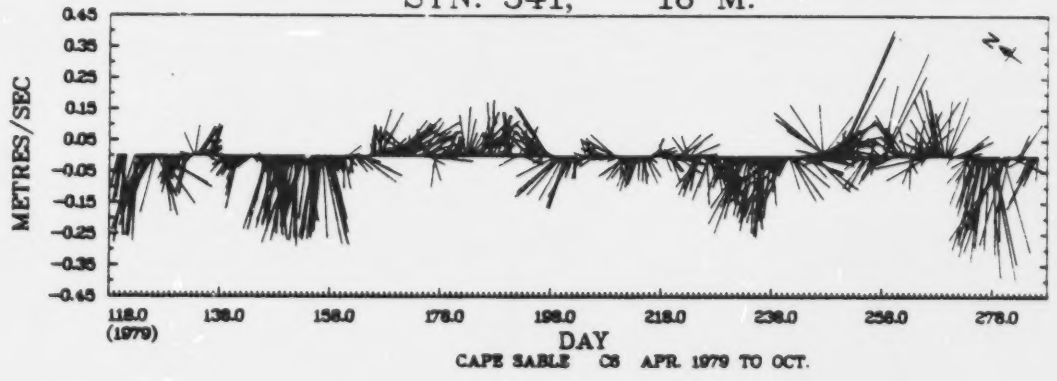
T(340., 51.M.) VS S(340., 51.M.)

DEG. CEL. PPT.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50		*										
33.50 TO 34.00		*										
33.00 TO 33.50		*										
32.50 TO 33.00	77	*		.9	.9							
32.00 TO 32.50	1900	*		28.2	15.2	2.1						
31.50 TO 32.00	1810	*		16.4	23.0	3.9						
31.00 TO 31.50	360	*			2.7	3.4	2.6					
30.50 TO 31.00	31	*					.1	.6				
30.00 TO 30.50		*										
OUT OF RANGE	0	0										
SUB TOTAL	4178	0		1902	1743	394	114	25				

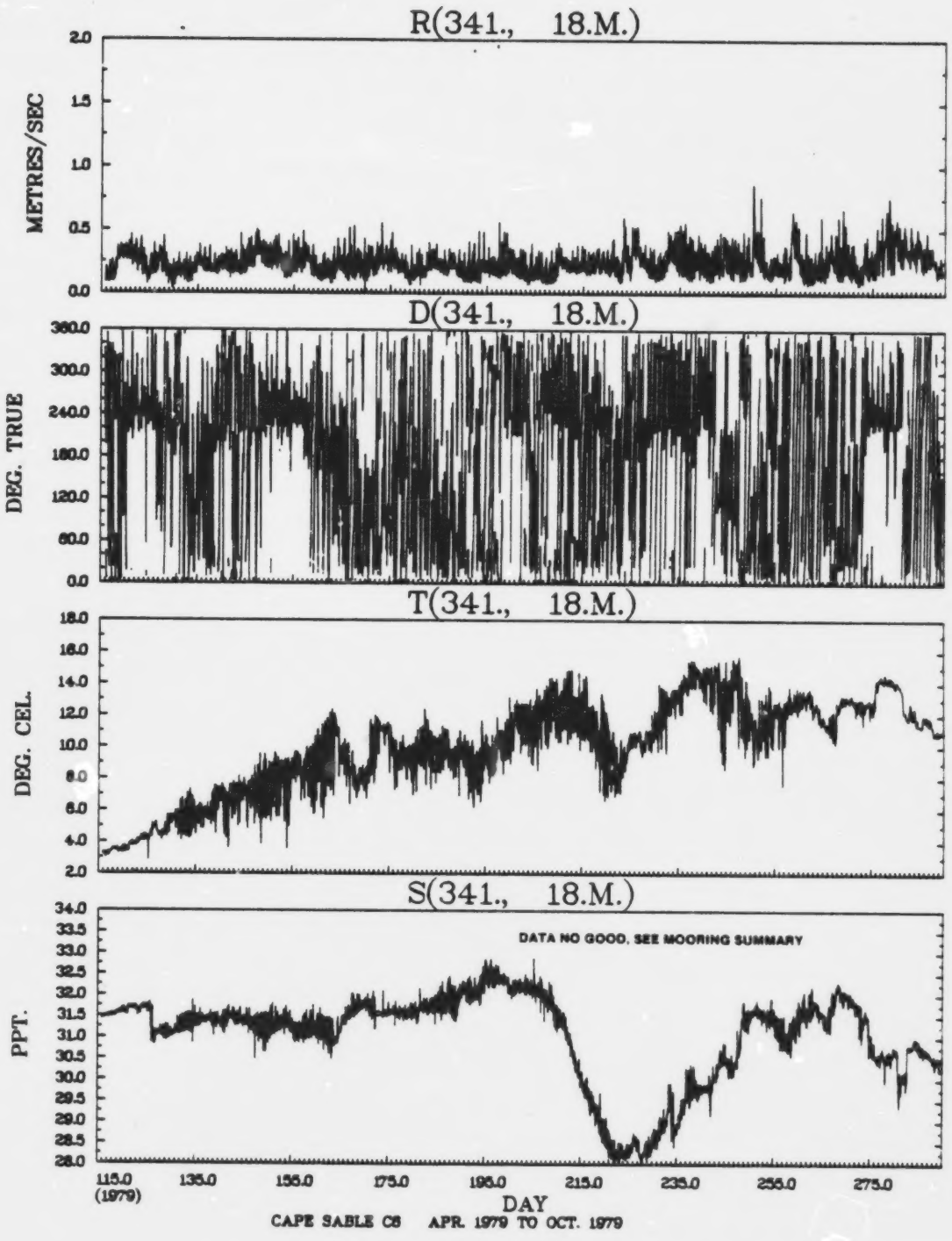
STN. 341, 18 M.

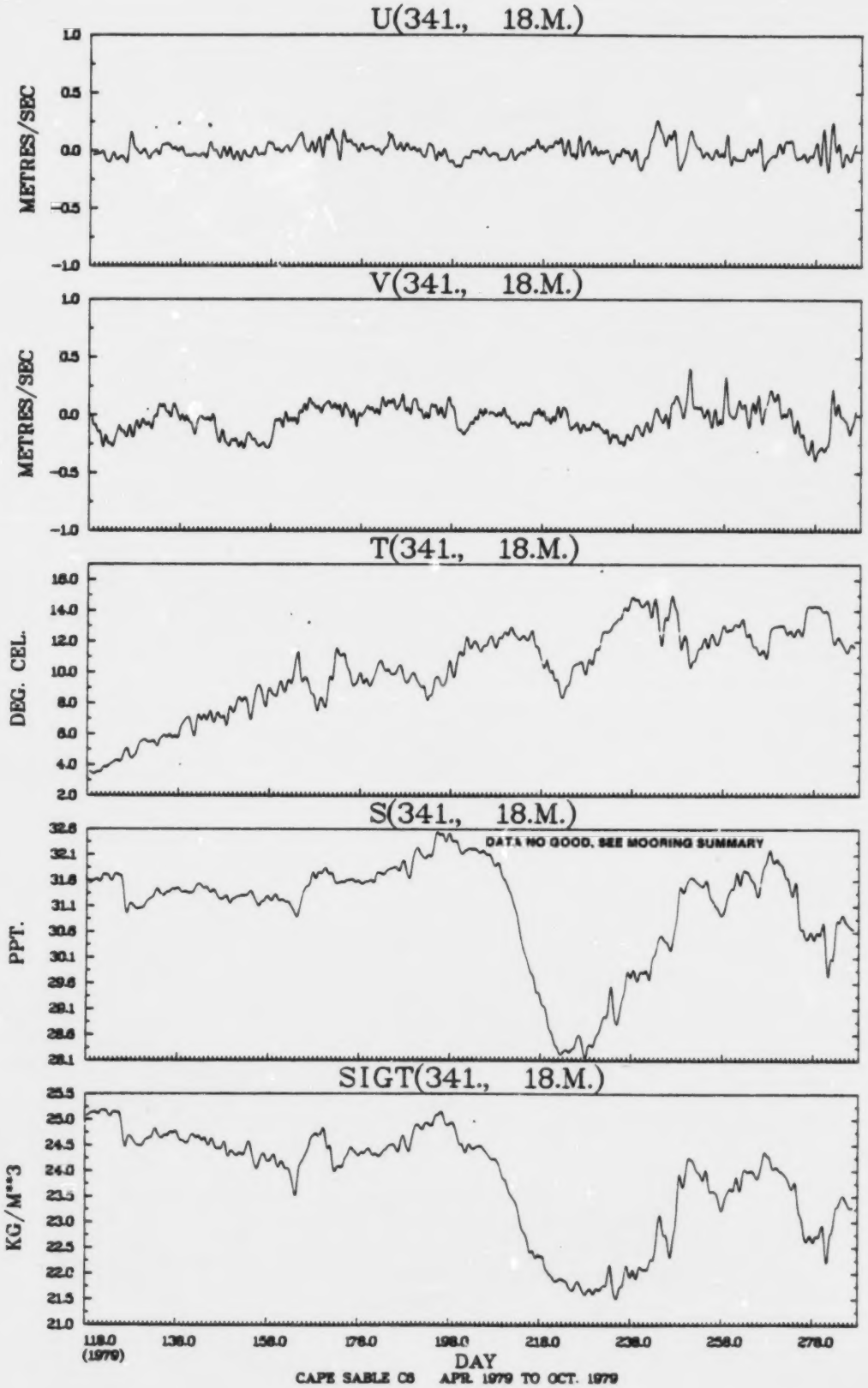


STN. 341, 18 M.



CAPE SABLE C8 APR. 1979 TO OCT.


R(341., 18.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(341., 18.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(341., 18.M.)
DEG. CEL.
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
S(341., 18.M.)
PPT.
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
28.5
28.0
DATA NO GOOD, SEE MOORING SUMMARY
115.0
(1979)
135.0
155.0
175.0
195.0
215.0
235.0
255.0
275.0
DAY
CAPE SABLE C6 APR. 1979 TO OCT. 1979


U(341., 18.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(341., 18.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(341., 18.M.)
DEG. CEL.
18.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
S(341., 18.M.)
DATA NO GOOD, SEE MOORING SUMMARY
PPT.
32.6
32.1
31.6
31.1
30.6
30.1
29.6
29.1
28.6
28.1
SIGT(341., 18.M.)
KG/M**3
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
21.5
21.0
118.0
(1979)
138.0
158.0
178.0
198.0
218.0
238.0
258.0
278.0
DAY
CAPE SABLE CS APR. 1979 TO OCT. 1979

JOINT DISTRIBUTION (PERCENT)

D(341., 18.M.) VS R(341., 18.M.)

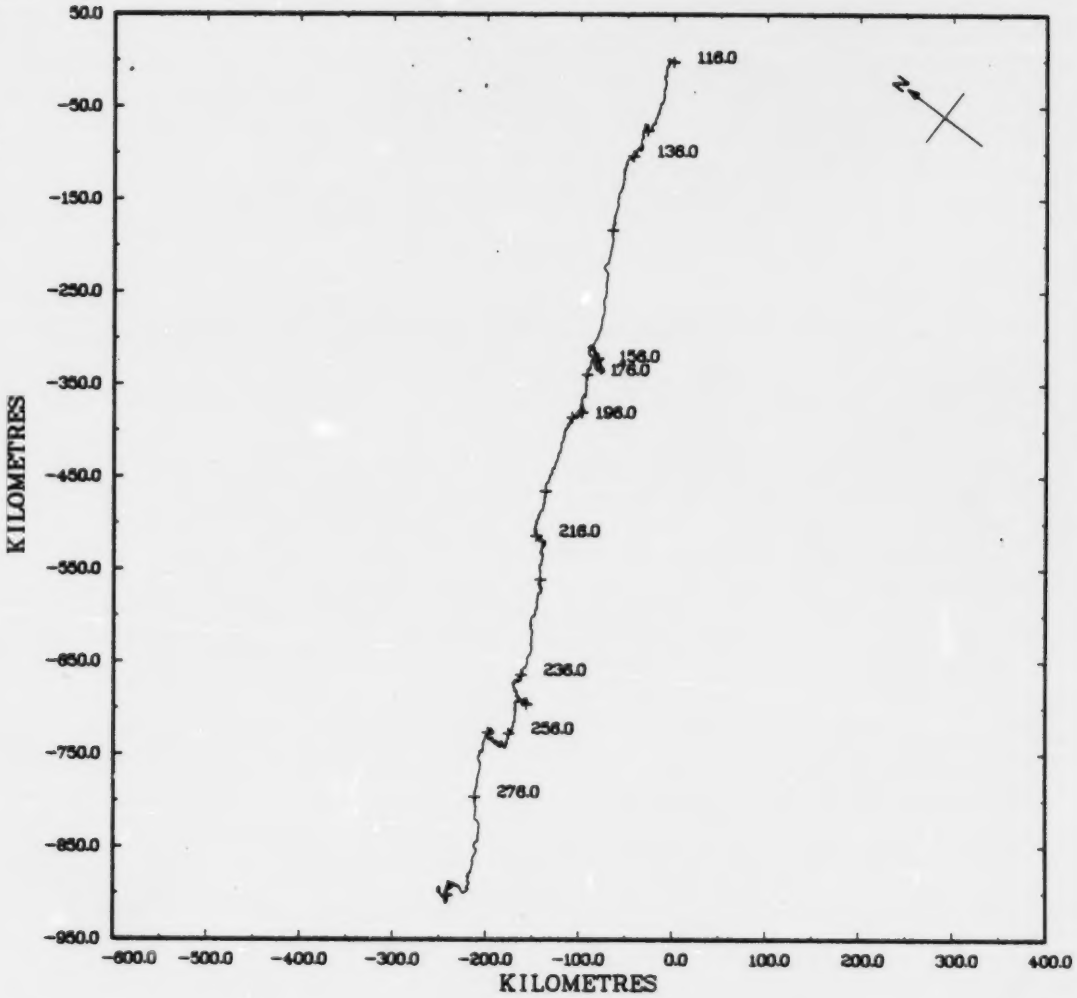
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90	2	*			.0									
.70 TO	.80	4	*			.0					.1				
.60 TO	.70	10	*		.0	.0	.0				.0	.1			
.50 TO	.60	51	*	.2	.1	.1	.1	.0	.0	.0	.4	.1			.0
.40 TO	.50	219	*	.5	.7	.2	.2	.2	.2	.4	2.0	.4	.0	.1	.3
.30 TO	.40	711	*	1.4	2.0	.9	.8	.8	.6	1.3	5.4	2.3	.6	.4	.7
.20 TO	.30	1534	*	3.4	4.2	2.2	2.4	2.2	1.8	2.4	8.0	4.7	1.6	1.7	2.3
.10 TO	.20	1445	*	2.6	2.8	2.5	2.7	2.8	2.1	2.3	4.3	4.2	3.1	2.5	2.4
-.00 TO	.10	191	*	.4	.3	.3	.4	.4	.3	.5	.3	.5	.5	.5	.3
OUT OF RANGE		0	0												
SUB TOTAL		4167	0	351	423	269	277	264	207	298	859	511	239	219	250

JOINT DISTRIBUTION (PERCENT)

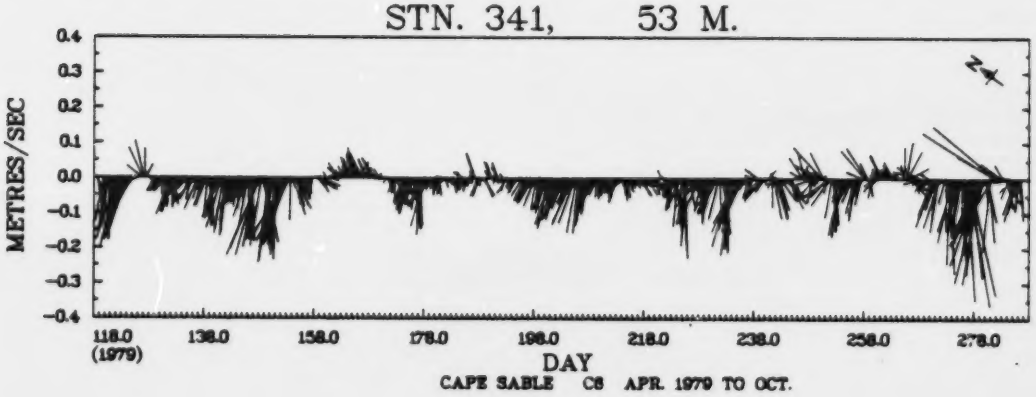
T(341., 18.M.) VS S(341., 18.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	40	*					.2	.7	.0			
32.00 TO	32.50	464	*				.1	1.4	4.2	4.8	.6		
31.50 TO	32.00	1199	*			5.7	.7	4.0	8.4	8.5	1.5		
31.00 TO	31.50	1153	*			2.4	7.4	8.0	3.8	4.7	1.4		
30.50 TO	31.00	400	*			.1	.4	.1	.7	5.4	2.7	.1	
30.00 TO	30.50	249	*						.9	1.6	3.0	.5	
29.50 TO	30.00	196	*						.2	.9	3.3	.4	
29.00 TO	29.50	114	*					.0	.6	1.1	.9	.1	
28.50 TO	29.00	158	*					.3	1.2	1.2	1.0		
28.00 TO	28.50	194	*					1.0	3.2	.5			
OUT OF RANGE		0	0										
SUB TOTAL		4167	0			340	361	625	1002	1198	598	43	

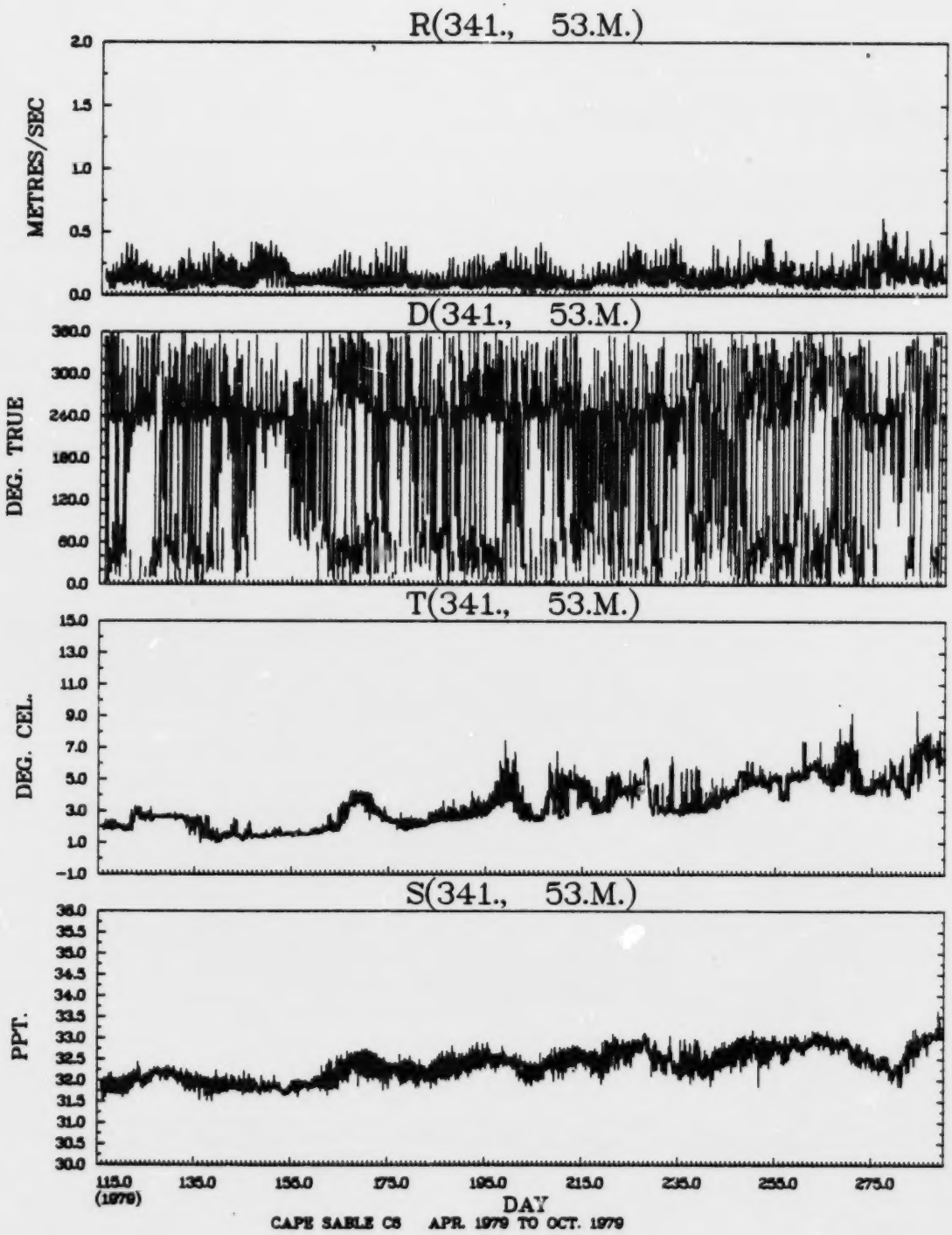
STN. 341, 53 M.

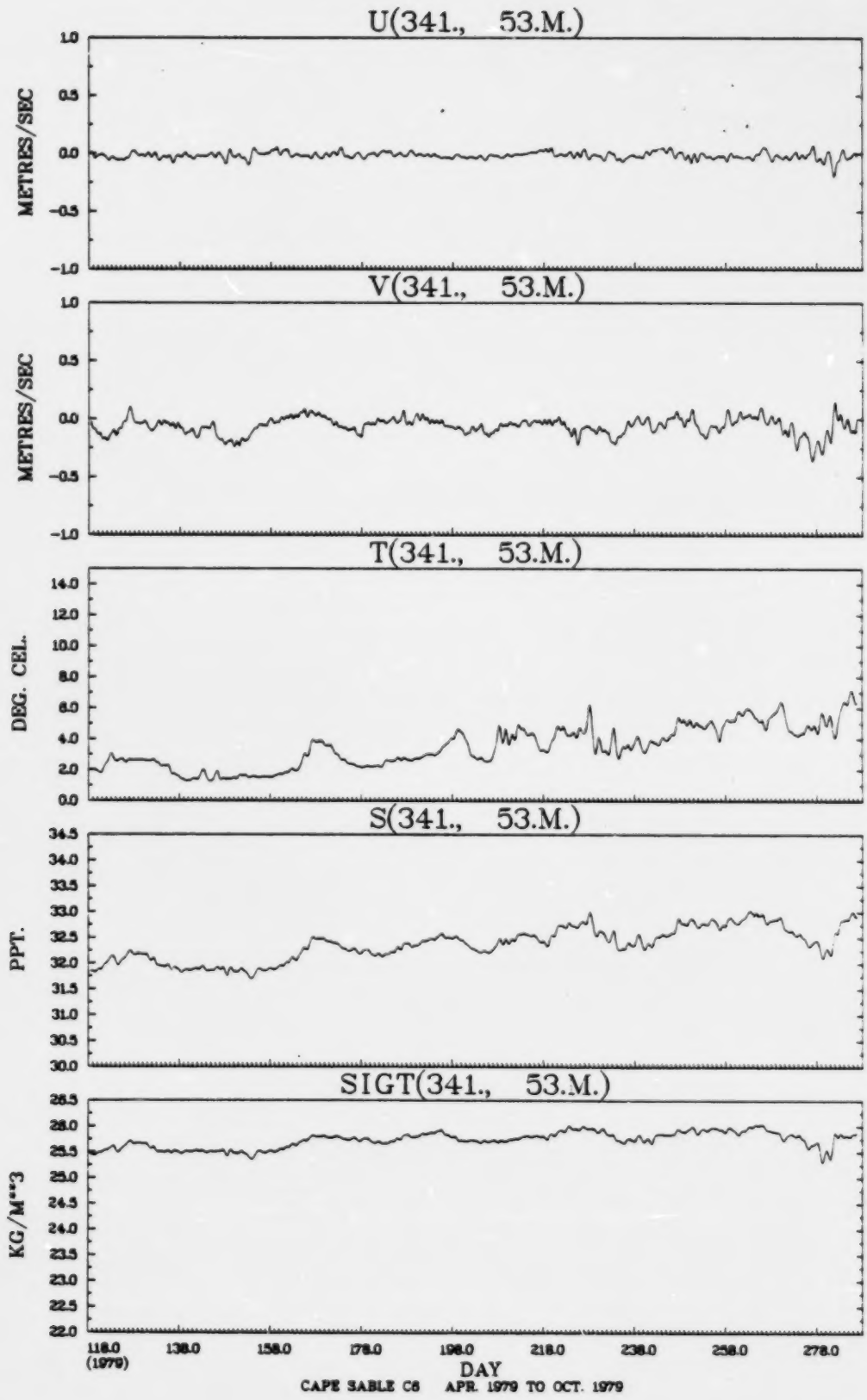


STN. 341, 53 M.



CAPE SABLE C8 APR. 1979 TO OCT.


R(341., 53.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(341., 53.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(341., 53.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(341., 53.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
115.0
(1979)
135.0
155.0
175.0
195.0
215.0
235.0
255.0
275.0
DAY
CAPE SABLE CS APR. 1979 TO OCT. 1979


U(341., 53.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(341., 53.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(341., 53.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(341., 53.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(341., 53.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
118.0
(1979)
138.0
158.0
178.0
198.0
218.0
238.0
258.0
278.0
DAY
CAPE SABLE C6 APR. 1979 TO OCT. 1979

JOINT DISTRIBUTION (PERCENT)

D(341., 53.M.) VS R(341., 53.M.)

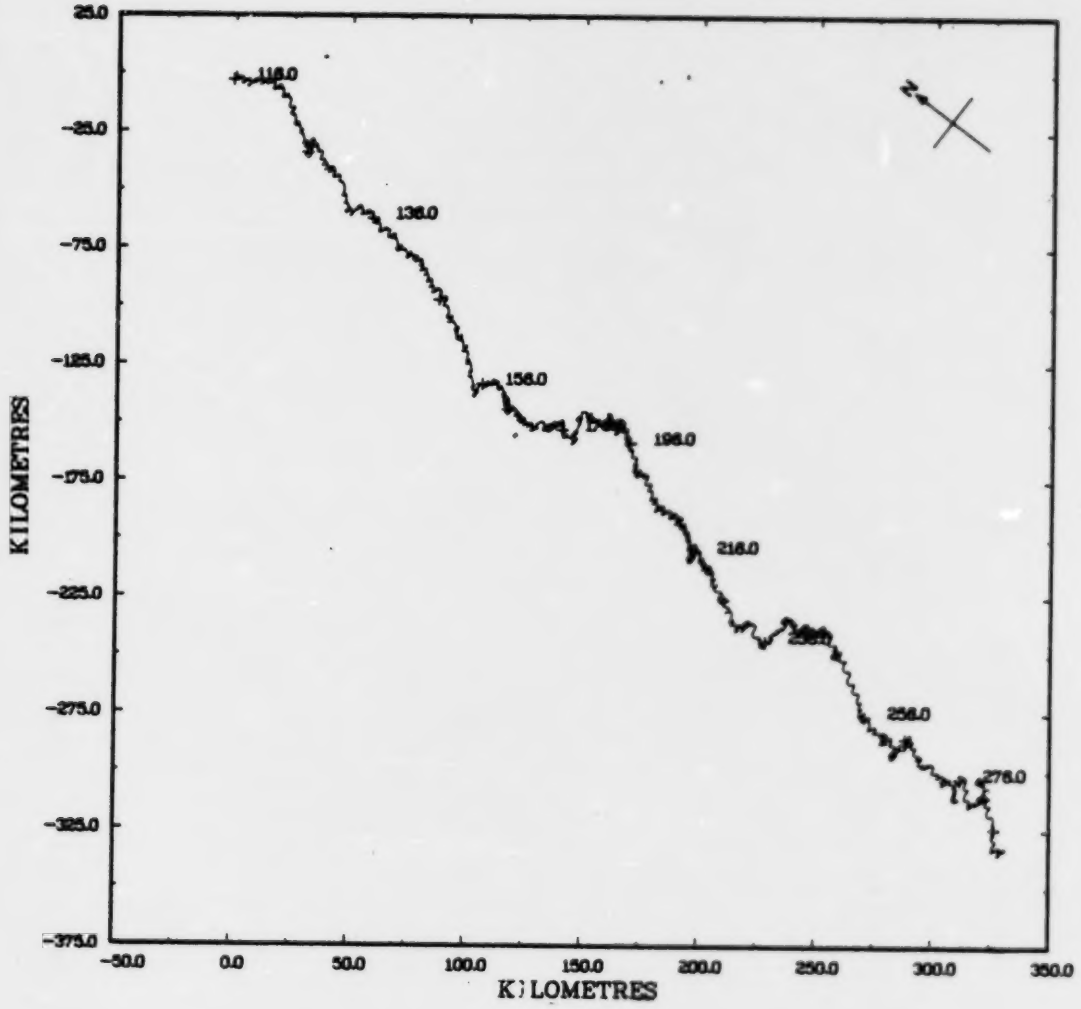
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90		*												
.70 TO	.80		*												
.60 TO	.70	1	*								.0				
.50 TO	.60	3	*		.0						.0	.0			
.40 TO	.50	41	*	.0	.0						.3	.6			
.30 TO	.40	222	*	.0	.2	.2	.0		.0	.1	1.8	2.8	.1		
.20 TO	.30	666	*	.3	1.6	1.1	.2	.1	.1	.4	4.2	7.9	.4	.1	.0
.10 TO	.20	1821	*	1.8	4.6	4.0	2.2	1.4	1.1	2.0	6.9	13.4	3.9	1.3	1.3
-.00 TO	.10	1413	*	2.9	2.9	3.3	2.3	1.9	2.2	2.4	3.2	3.8	3.8	2.6	2.6
OUT OF RANGE		0	0												
SUB TOTAL		4167	0	208	389	357	199	140	141	204	688	1171	342	166	162

JOINT DISTRIBUTION (PERCENT)

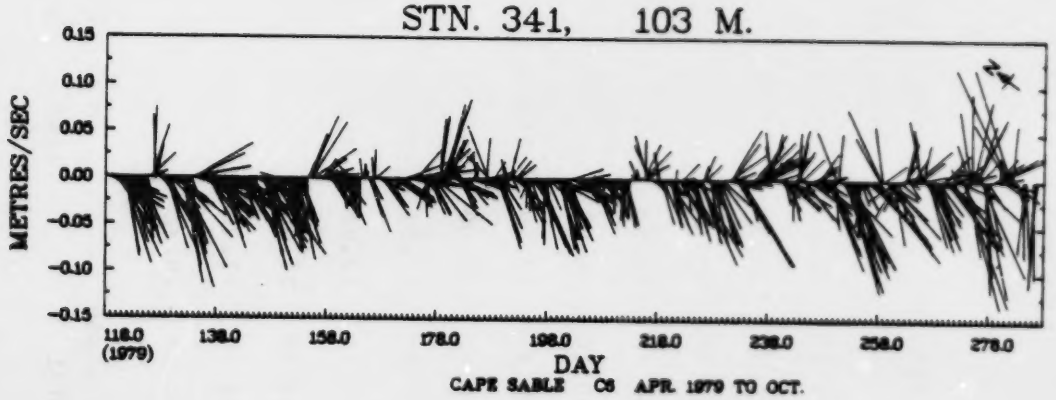
T(341., 53.M.) VS S(341., 53.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50	142	*			.1	2.9	.4					
32.50 TO	33.00	1424	*		.4	22.0	11.0	.8					
32.00 TO	32.50	1791	*		25.7	15.4	1.9						
31.50 TO	32.00	810	*		19.3	.0	.1						
31.00 TO	31.50		*										
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		4167	0		1893	1562	663	49					

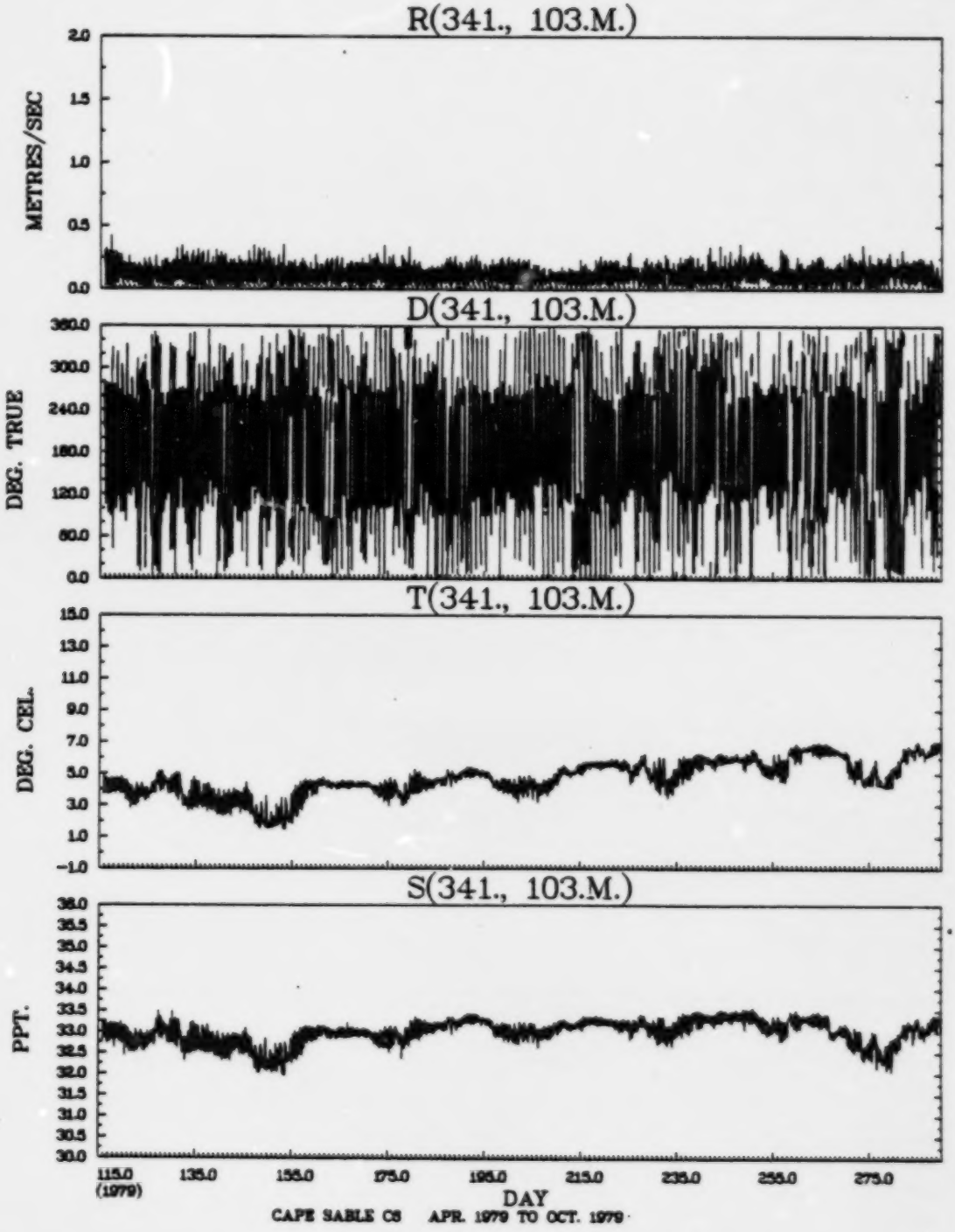
STN. 341, 103 M.

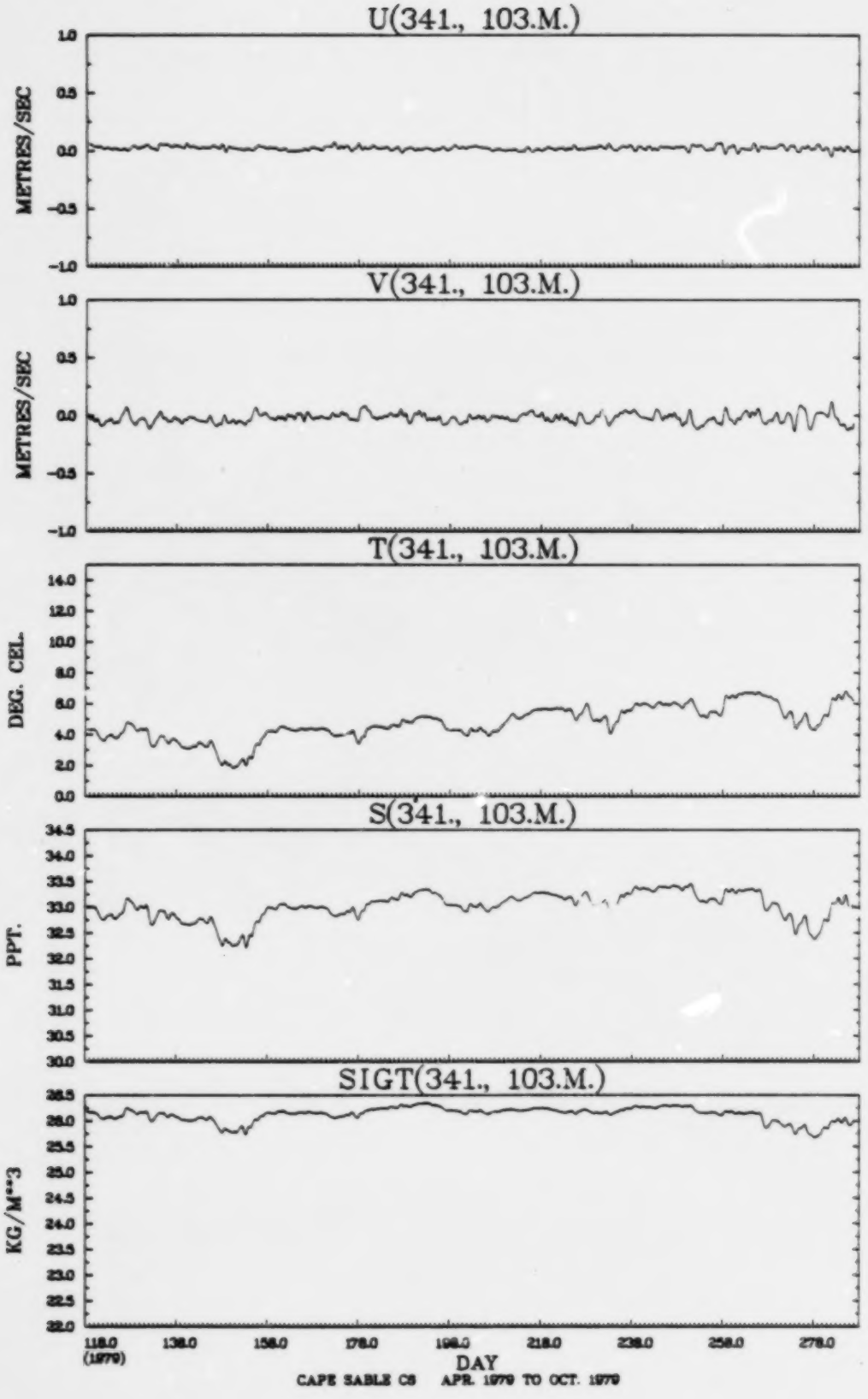


STN. 341, 103 M.



CAPE SABLE CS APR. 1979 TO OCT.


R(341., 103.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(341., 103.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(341., 103.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(341., 103.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
115.0
(1979)
135.0
155.0
175.0
195.0
215.0
235.0
255.0
275.0
DAY
CAPE SABLE CS APR. 1979 TO OCT. 1979


U(341., 103.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(341., 103.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(341., 103.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(341., 103.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(341., 103.M.)
KG/M**3
28.5
28.0
27.5
27.0
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
118.0
(1979)
138.0
158.0
178.0
198.0
218.0
238.0
258.0
278.0
DAY
CAPE SABLE CS APR. 1979 TO OCT. 1979

JOINT DISTRIBUTION (PERCENT)

D(341., 103.M.) VS R(341., 103.M.)

DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90		*												
.70 TO	.80		*												
.60 TO	.70		*												
.50 TO	.60		*												
.40 TO	.50		*												
.30 TO	.40	18	*			.0	.1	.0			.2	.0			
.20 TO	.30	466	*	.0	.0	1.2	2.6	1.6	.4	.4	1.5	2.9	.5	.0	.1
.10 TO	.20	2272	*	.8	.8	3.5	9.9	7.4	3.2	2.7	4.9	10.7	6.0	2.7	1.9
-.00 TO	.10	1411	*	1.5	1.3	1.7	3.4	3.5	3.6	3.0	3.5	3.7	3.4	2.9	2.3
OUT OF RANGE		0	0												
SUB TOTAL		4167	0	98	91	266	668	522	302	253	419	723	409	233	183

JOINT DISTRIBUTION (PERCENT)

T(341., 103.M.) VS S(341., 103.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00	11	*				.3						
33.00 TO	33.50	2472	*			22.9	36.3	.1					
32.50 TO	33.00	1435	*		2.5	27.5	4.5						
32.00 TO	32.50	246	*		4.3	1.6							
31.50 TO	32.00	3	*		.1								
31.00 TO	31.50		*										
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		4167	0		288	2162	1712	5					

747

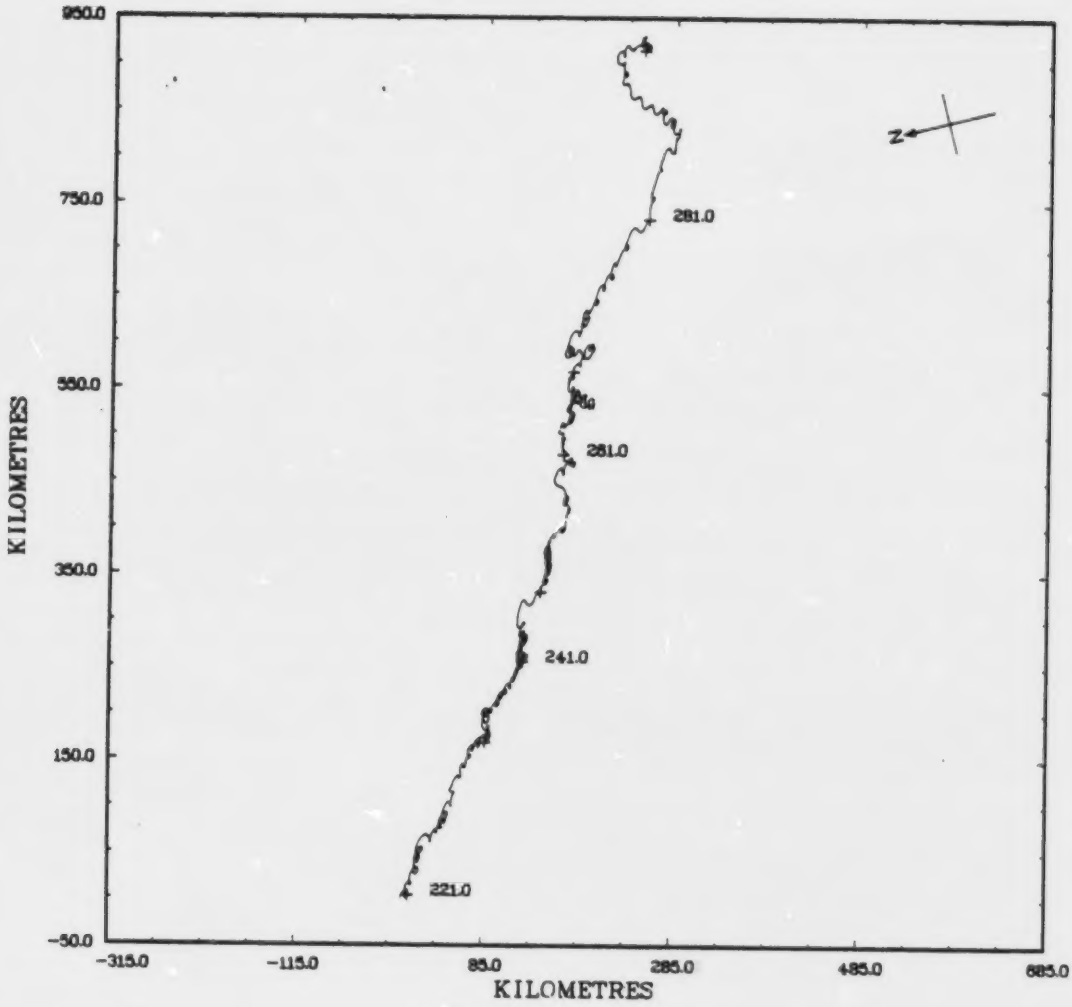
TABLE 12

MOORING SUMMARY, CRUISE 79-022

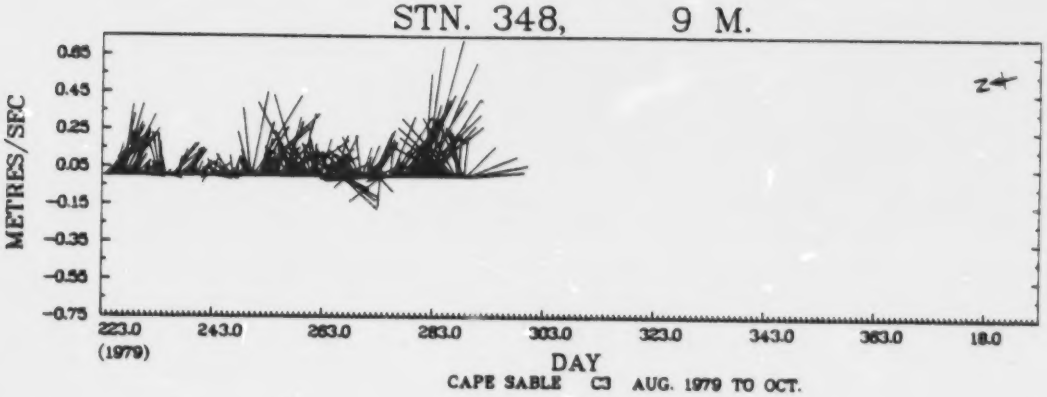
Station	Latitude	Longitude	Instrument Number, Type*	Depth	Sounding	Comments
C3(348)	42° 51.00'N	64° 49.71'W	4353 A	9	104	
C3(348)	42° 51.00'N	64° 49.93'W	4349 A	44	104	
			4350 A	94	104	Clock broke down on day 270 (1979).
C4(349)	42° 34.34'N	65° 56.06'W	4355 A	9	104	
C4(349)	42° 34.25'N	65° 56.21'W	4351 A	46	106	
			4356 A	96	106	

* A = Aanderaa Current Meter

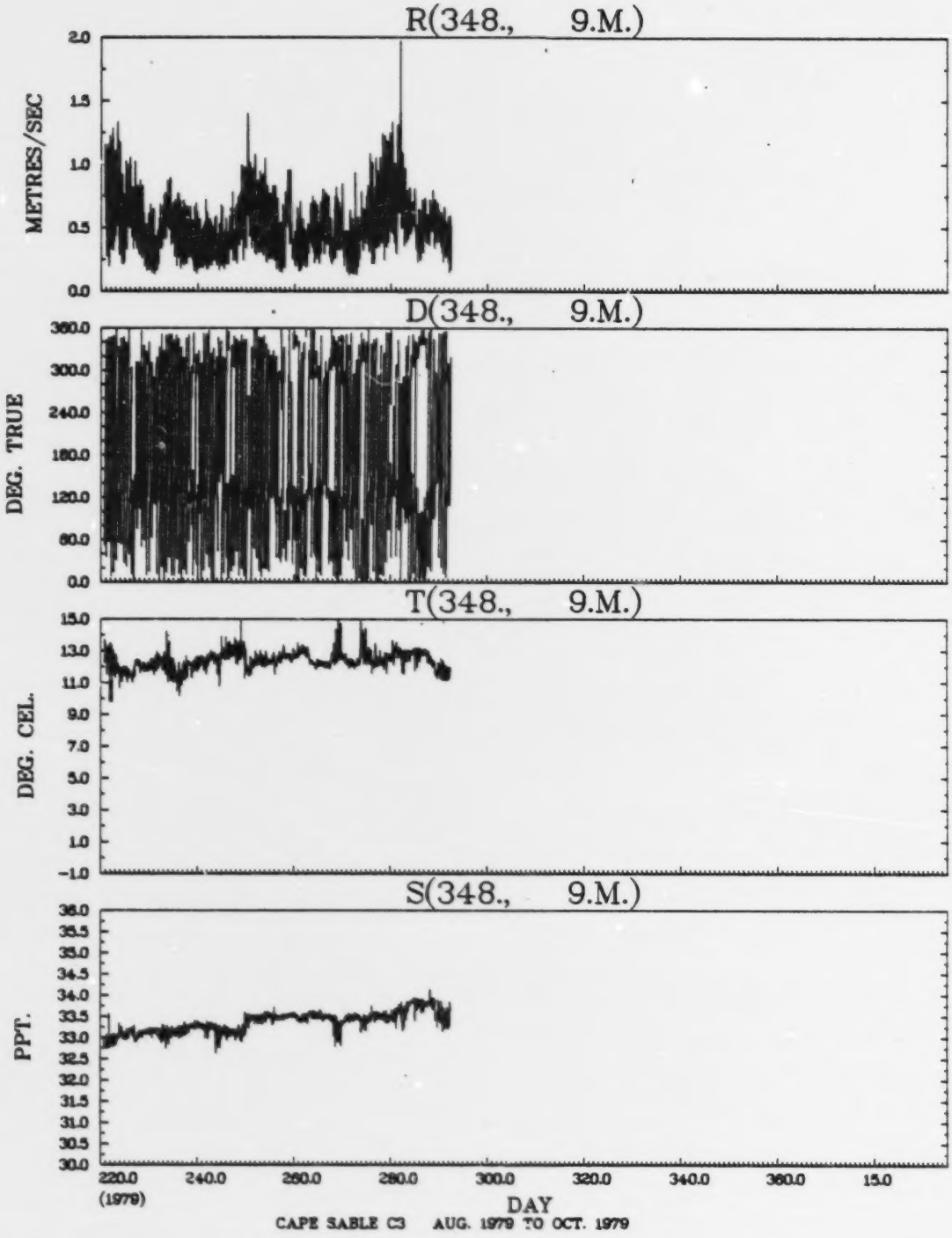
STN. 348, 9 M.

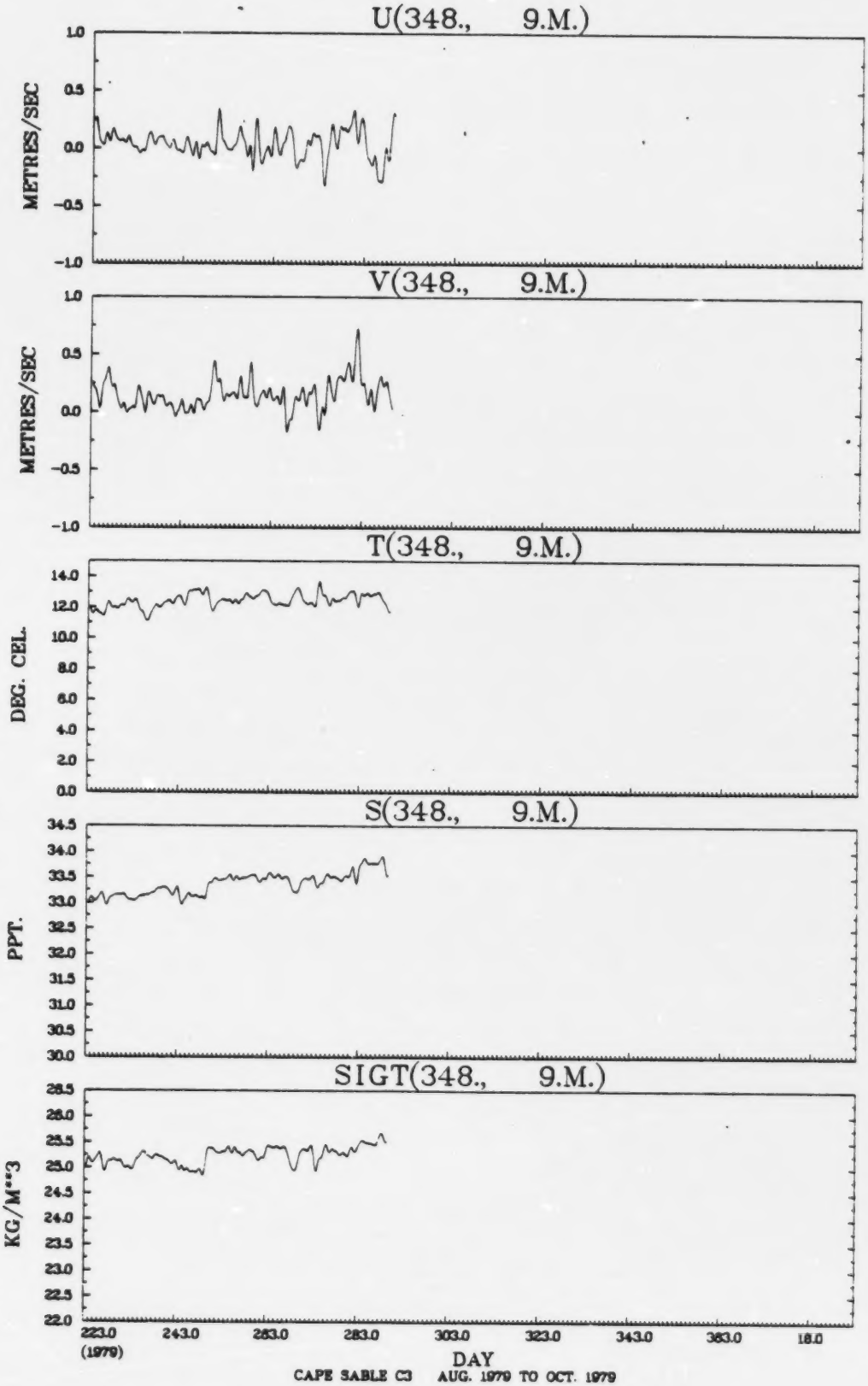


STN. 348, 9 M.



CAPE SABLE C3 AUG. 1979 TO OCT.


R(348., 9.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(348., 9.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(348., 9.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(348., 9.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
220.0
240.0
260.0
280.0
300.0
320.0
340.0
360.0
15.0
(1979)
DAY
CAPE SABLE C3 AUG. 1979 TO OCT. 1979


U(348., 9.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(348., 9.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(348., 9.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(348., 9.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(348., 9.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
223.0
(1979)
243.0
263.0
283.0
303.0
323.0
343.0
363.0
18.0
DAY
CAPE SABLE C3 AUG. 1979 TO OCT. 1979

JOINT DISTRIBUTION (PERCENT)

D(348.. 9.M.) VS R(348.. 9.M.)

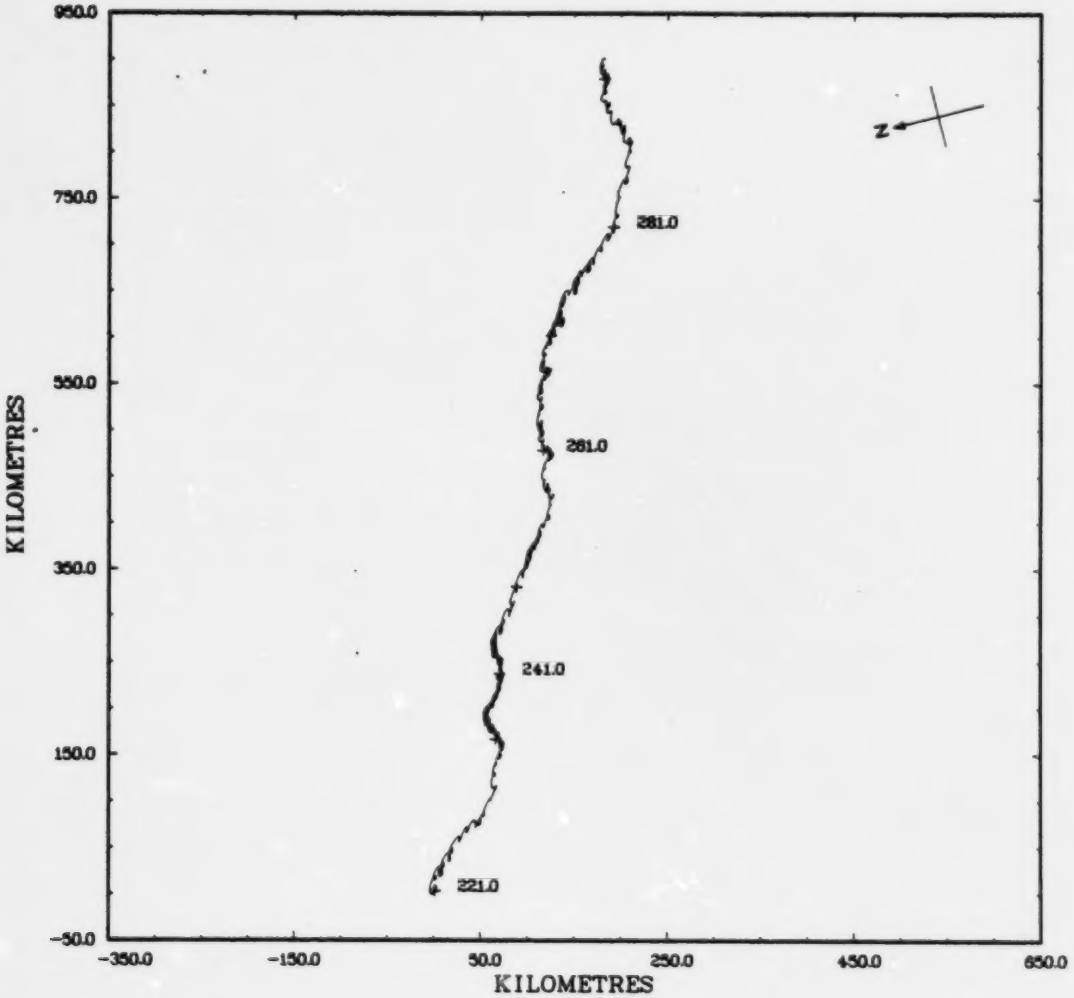
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40	5	*				.1	.2							
1.20 TO	1.30	11	*				.2	.4							
1.10 TO	1.20	12	*				.1	.6							
1.00 TO	1.10	22	*				.5	.8							
.90 TO	1.00	41	*				.8	1.3						.2	
.80 TO	.90	62	*				1.6	1.7	.1				.1	.1	.1
.70 TO	.80	106	*			.2	2.3	1.8	.2			.1	.6	.8	.1
.60 TO	.70	212	*	.1	.1	.4	3.7	3.8	.5	.1		.3	1.2	1.9	.2
.50 TO	.60	326	*	.5	.5	1.6	3.6	4.7	1.3	.2	.2	.6	2.2	2.4	1.1
.40 TO	.50	347	*	.7	.6	.9	3.4	4.0	1.5	.4	.6	.7	3.5	2.6	1.2
.30 TO	.40	320	*	1.2	1.0	.9	2.2	2.5	1.7	.9	.8	1.3	2.0	3.0	1.2
.20 TO	.30	166	*	.7	.6	.6	1.3	.6	.5	.7	.9	.5	1.0	1.1	.9
.10 TO	.20	78	*	.6	.7	.5	.2	.1	.2	.6	.3	.3	.3	.3	.4
-.00 TO	.10	12	*	.2	.1	.1		.1		.1	.1			.1	
OUT OF RANGE		0	0												
SUB TOTAL		1720	0	69	62	90	343	387	104	51	50	68	189	217	90

JOINT DISTRIBUTION (PERCENT)

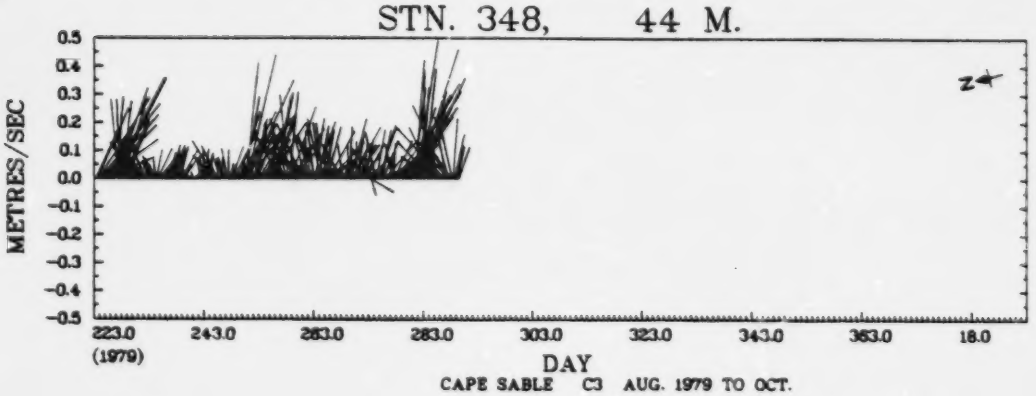
T(348., 9.M.) VS S(348., 9.M.)

DEG. CEL. PPT.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50	3	*							.2			
33.50 TO	34.00	491	*							24.4	4.1		
33.00 TO	33.50	1104	*						.6	55.1	8.4		
32.50 TO	33.00	122	*							5.1	2.0		
32.00 TO	32.50		*										
31.50 TO	32.00		*										
31.00 TO	31.50		*										
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		1720	0						11	1459	250		

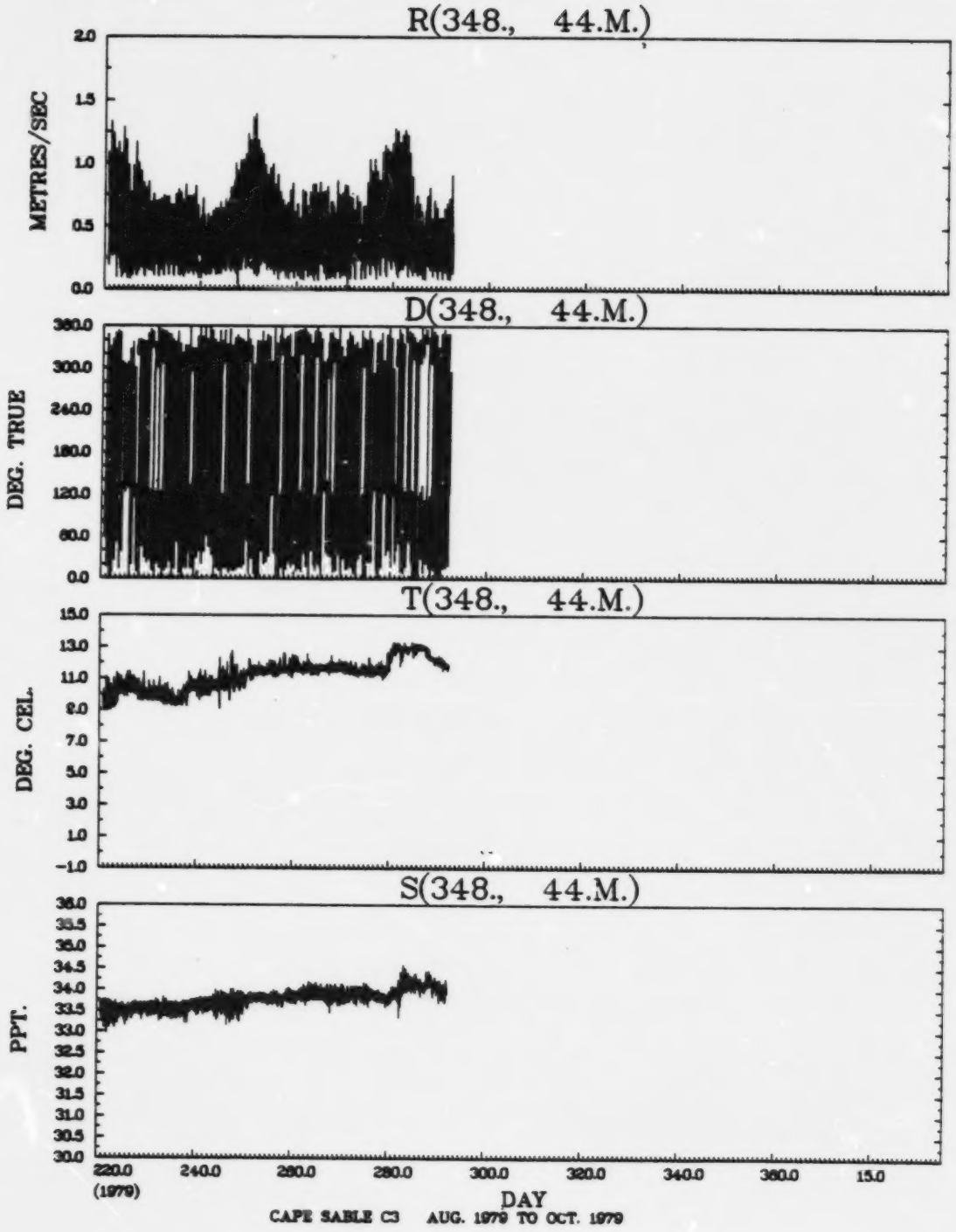
STN. 348, 44 M.

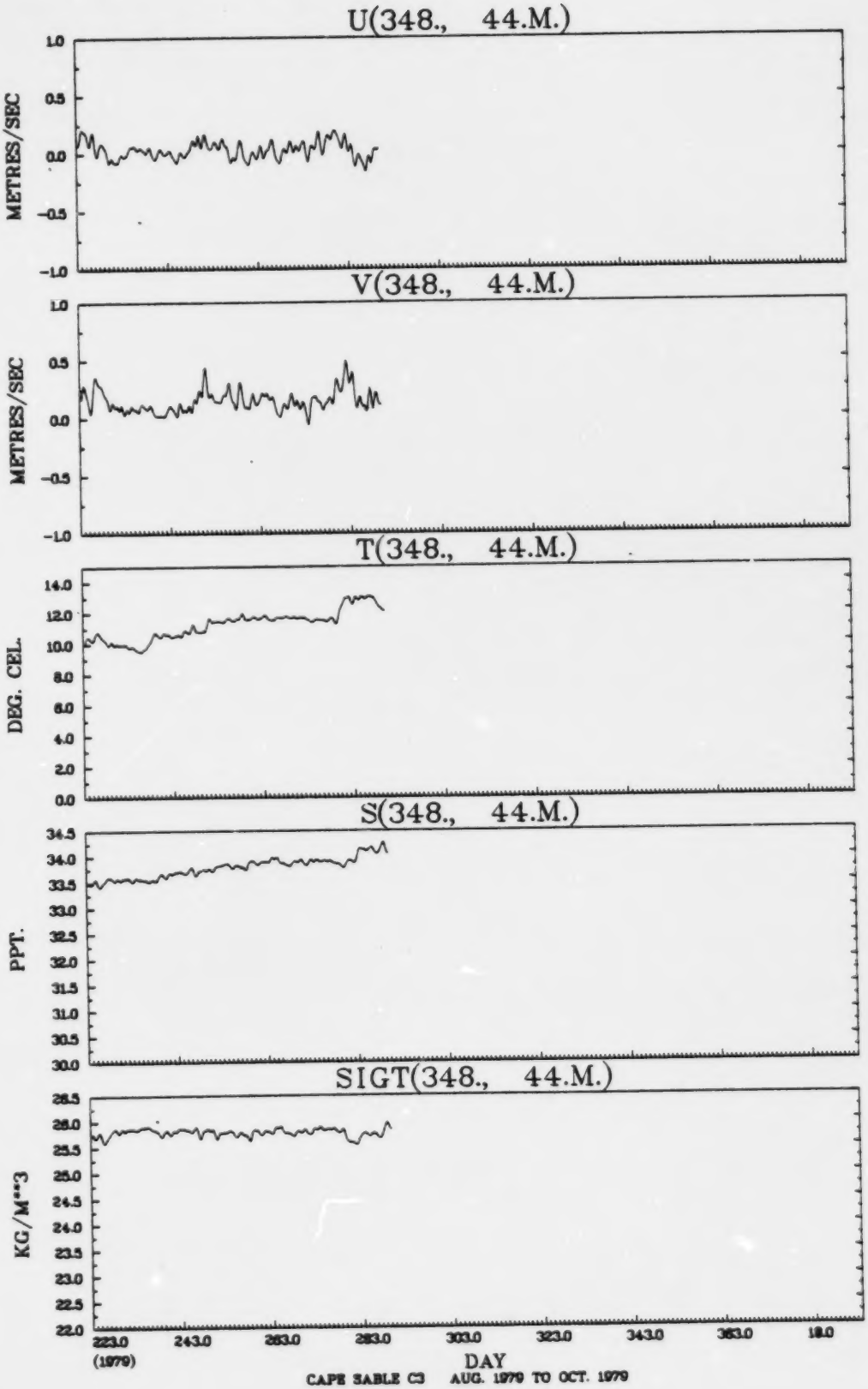


STN. 348, 44 M.



CAPE SABLE C3 AUG. 1979 TO OCT.


R(348., 44.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(348., 44.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(348., 44.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(348., 44.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
220.0
(1979)
240.0
260.0
280.0
300.0
320.0
340.0
360.0
15.0
DAY
CAPE SABLE C3 AUG. 1979 TO OCT. 1979


U(348., 44.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(348., 44.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(348., 44.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(348., 44.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(348., 44.M.)
KG/M**3
28.5
28.0
27.5
27.0
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
223.0
(1979)
243.0
263.0
283.0
303.0
323.0
343.0
363.0
18.0
DAY
CAPE SABLE C3 AUG. 1979 TO OCT. 1979

JOINT DISTRIBUTION (PERCENT)

D(348., 44.M.) VS R(348., 44.M.)

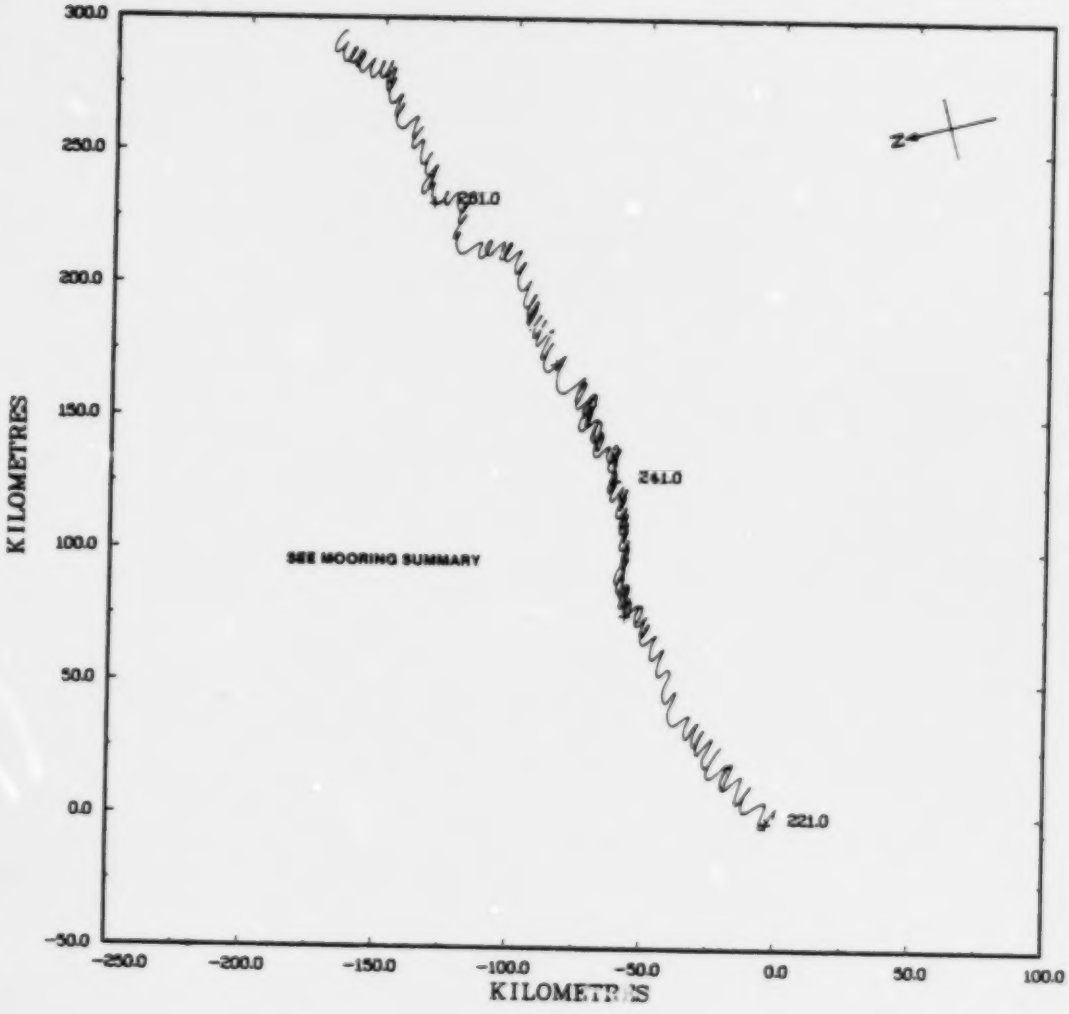
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40	2	*					.1							
1.20 TO	1.30	8	*				.1	.4							
1.10 TO	1.20	21	*				.2	1.0							
1.00 TO	1.10	27	*				.2	1.4							
.90 TO	1.00	40	*				.5	1.8							
.80 TO	.90	46	*				1.0	1.6							
.70 TO	.80	102	*				1.9	3.5					.2	.3	
.60 TO	.70	177	*				3.6	4.7	.1				1.0	.9	
.50 TO	.60	234	*			.1	3.7	3.5	.4			.1	2.2	3.5	.1
.40 TO	.50	264	*	.1		.9	2.7	3.1	.3			.1	2.8	4.5	.9
.30 TO	.40	295	*	.6	.6	1.4	2.0	2.5	.8	.1	.1	.5	2.8	3.9	1.9
.20 TO	.30	298	*	1.6	1.2	1.7	1.0	1.5	1.2	.8	.6	1.0	2.3	2.3	2.2
.10 TO	.20	173	*	1.0	.7	1.0	.3	.5	.9	1.2	1.0	.8	1.0	.5	.9
-.00 TO	.10	33	*	.3	.2		.1	.1	.2	.3	.3	.2	.1		
OUT OF RANGE		0	0												
SUB TOTAL		1720	0	63	46	88	298	444	67	42	36	45	213	275	103

JOINT DISTRIBUTION (PERCENT)

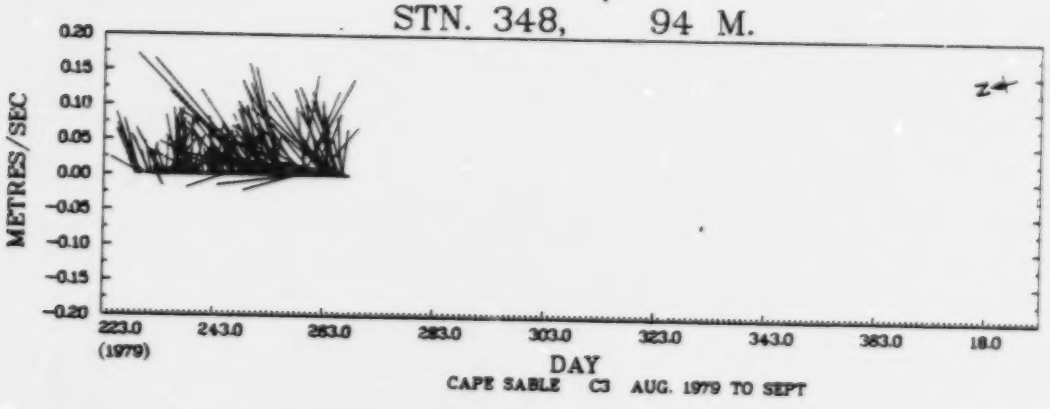
T(348., 44.M.) VS S(348., 44.M.)

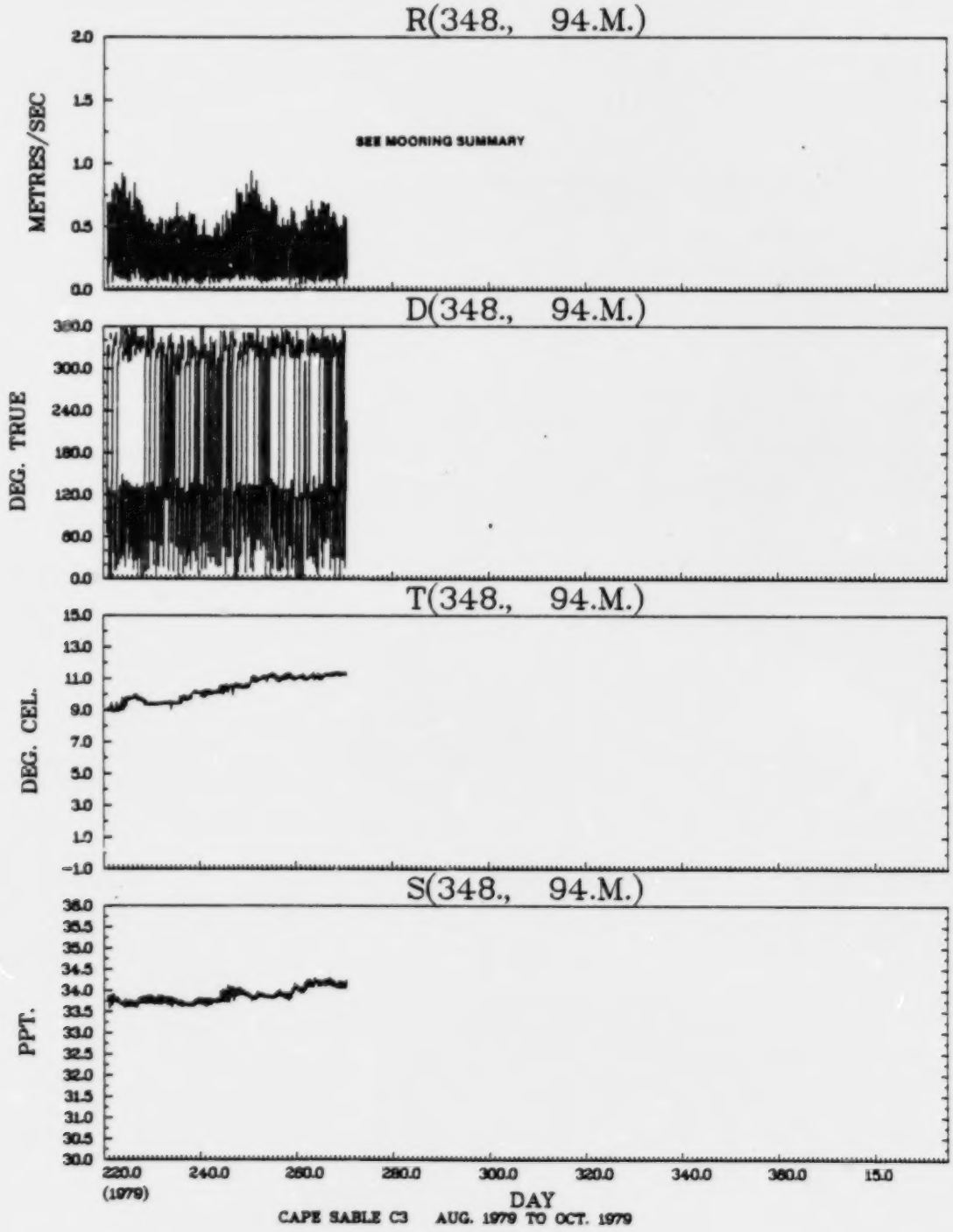
PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50	255	*							12.0	2.8		
33.50 TO	34.00	1302	*						29.9	44.5	1.3		
33.00 TO	33.50	163	*						8.4	1.1			
32.50 TO	33.00		*										
32.00 TO	32.50		*										
31.50 TO	32.00		*										
31.00 TO	31.50		*										
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		1720	0						658	992	70		

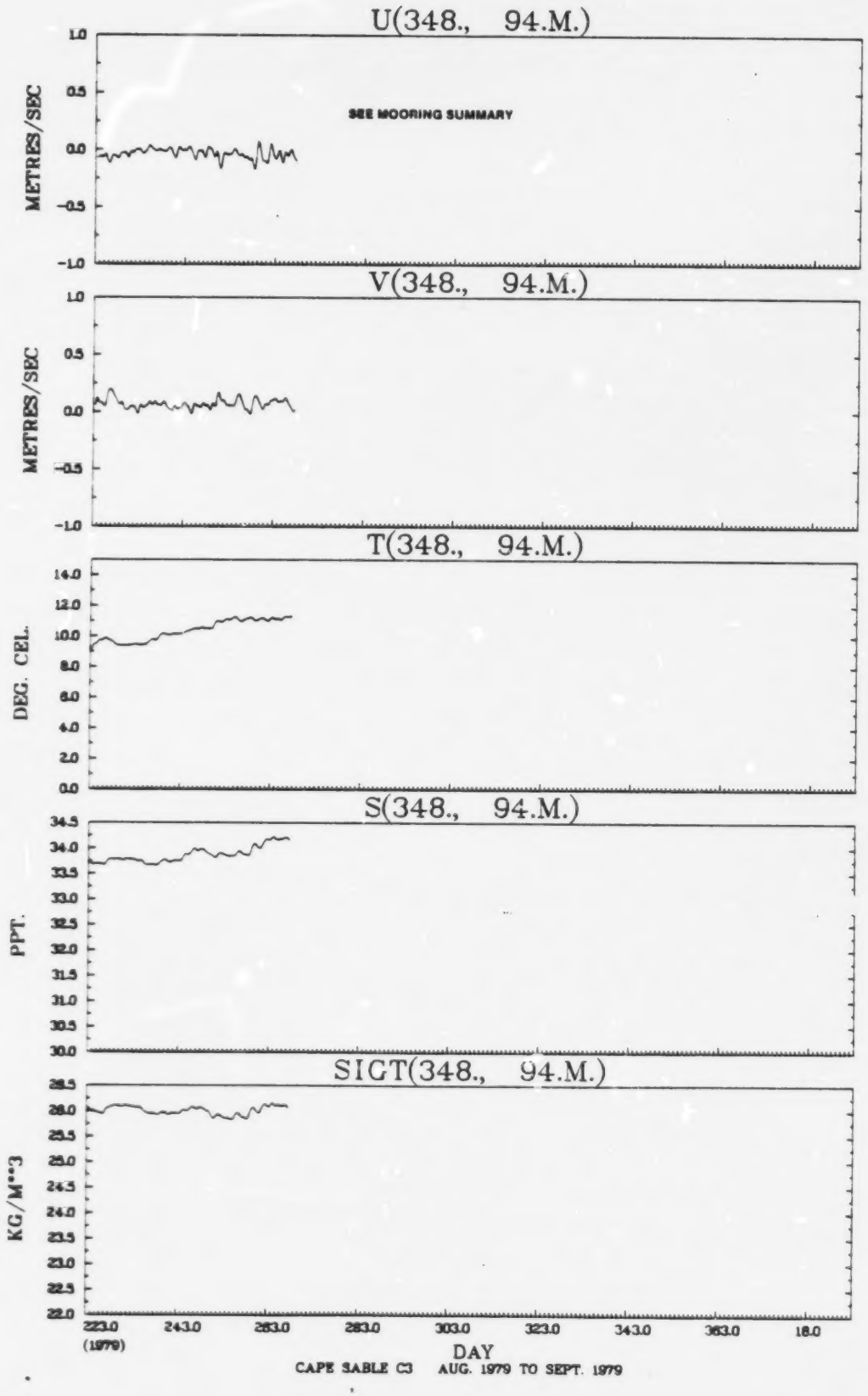
STN. 348, 94 M.



STN. 348, 94 M.




R(348., 94.M.)
METRES/SEC
SEE MOORING SUMMARY
D(348., 94.M.)
DEG. TRUE
T(348., 94.M.)
DEG. CEL.
S(348., 94.M.)
PPT.
DAY
(1979)
CAPE SABLE C3 AUG. 1979 TO OCT. 1979


U(348., 94.M.)
METRES/SEC
SEE MOORING SUMMARY
V(348., 94.M.)
METRES/SEC
T(348., 94.M.)
DEG. CEL.
S(348., 94.M.)
PPT.
SIGT(348., 94.M.)
KG/M**3
223.0
(1979)
243.0
263.0
283.0
303.0
323.0
343.0
363.0
18.0
DAY
CAPE SABLE C3 AUG. 1979 TO SEPT. 1979

JOINT DISTRIBUTION (PERCENT)

D(348., 94.M.) VS R(348., 94.M.)

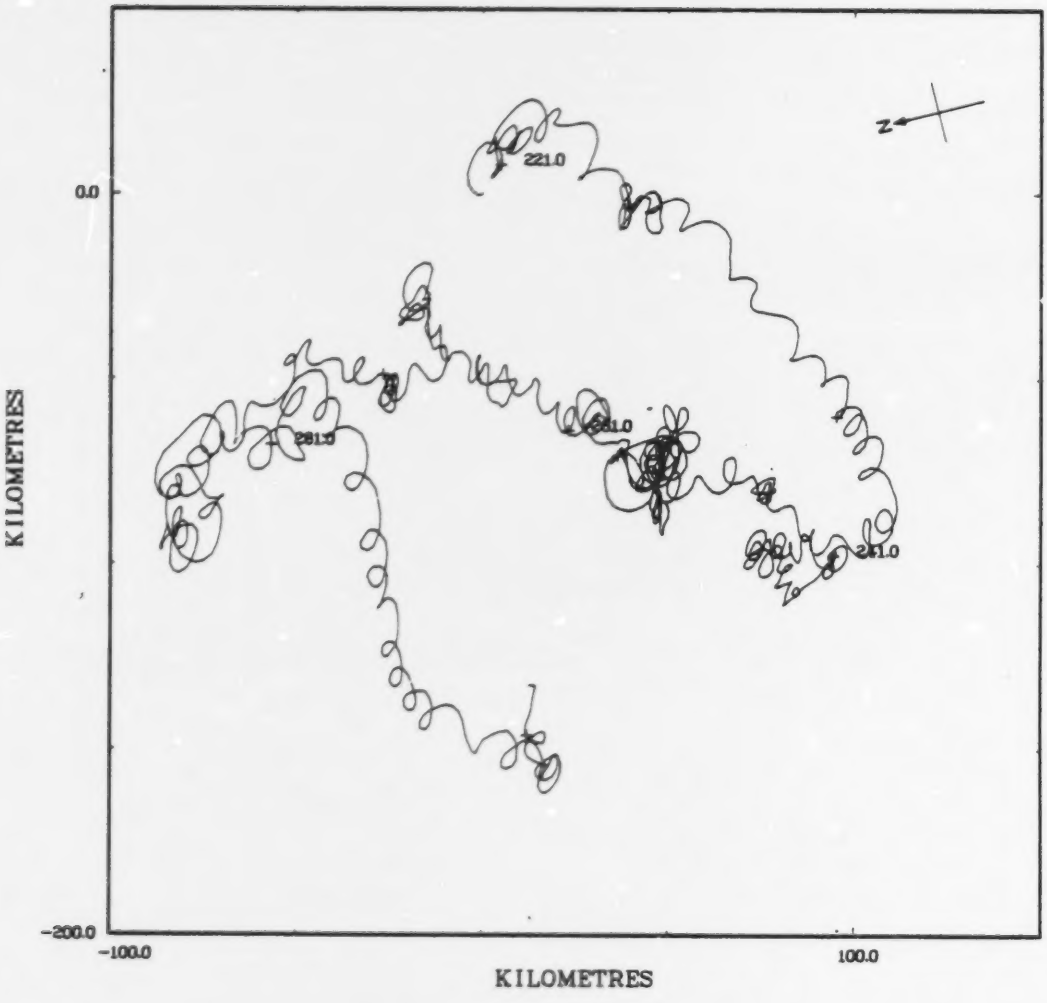
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90	6	*				.1	.4							
.70 TO	.80	21	*				.3	1.4							.1
.60 TO	.70	67	*				1.3	3.0						1.0	.3
.50 TO	.60	161	*			.1	3.3	5.1						4.0	1.0
.40 TO	.50	240	*	.3	.1	.3	4.3	5.5	.2				.4	7.3	1.8
.30 TO	.40	258	*	.3	.1	1.0	3.7	4.3	.4				1.2	8.9	2.3
.20 TO	.30	194	*	.6	.7	1.7	2.7	2.4	.6				.8	3.7	3.1
.10 TO	.20	191	*	1.5	1.6	2.0	1.6	1.0	1.3	.6	.4	1.1	.9	1.6	2.4
-.00 TO	.10	57	*	.3	1.2	.7	.5		.5	.3	.2	.5	.3	.1	.2
OUT OF RANGE		0	0												
SUB TOTAL		1195	0	35	43	69	211	277	35	11	7	19	44	312	132

JOINT DISTRIBUTION (PERCENT)

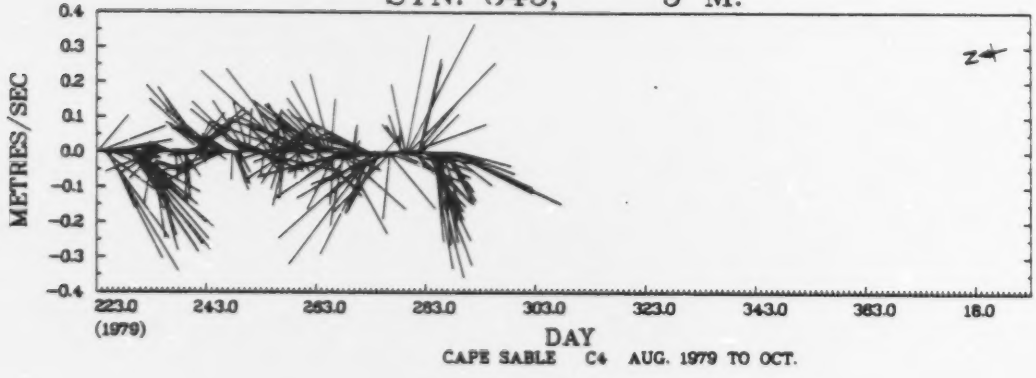
T(348., 94.M.) VS S(348., 94.M.)

PPT. DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50	299	*						6.2	18.8			
33.50 TO 34.00	896	*					2.1	59.7	13.2			
33.00 TO 33.50		*										
32.50 TO 33.00		*										
32.00 TO 32.50		*										
31.50 TO 32.00		*										
31.00 TO 31.50		*										
30.50 TO 31.00		*										
30.00 TO 30.50		*										
OUT OF RANGE	0	0										
SUB TOTAL	1195	0					25	787	383			

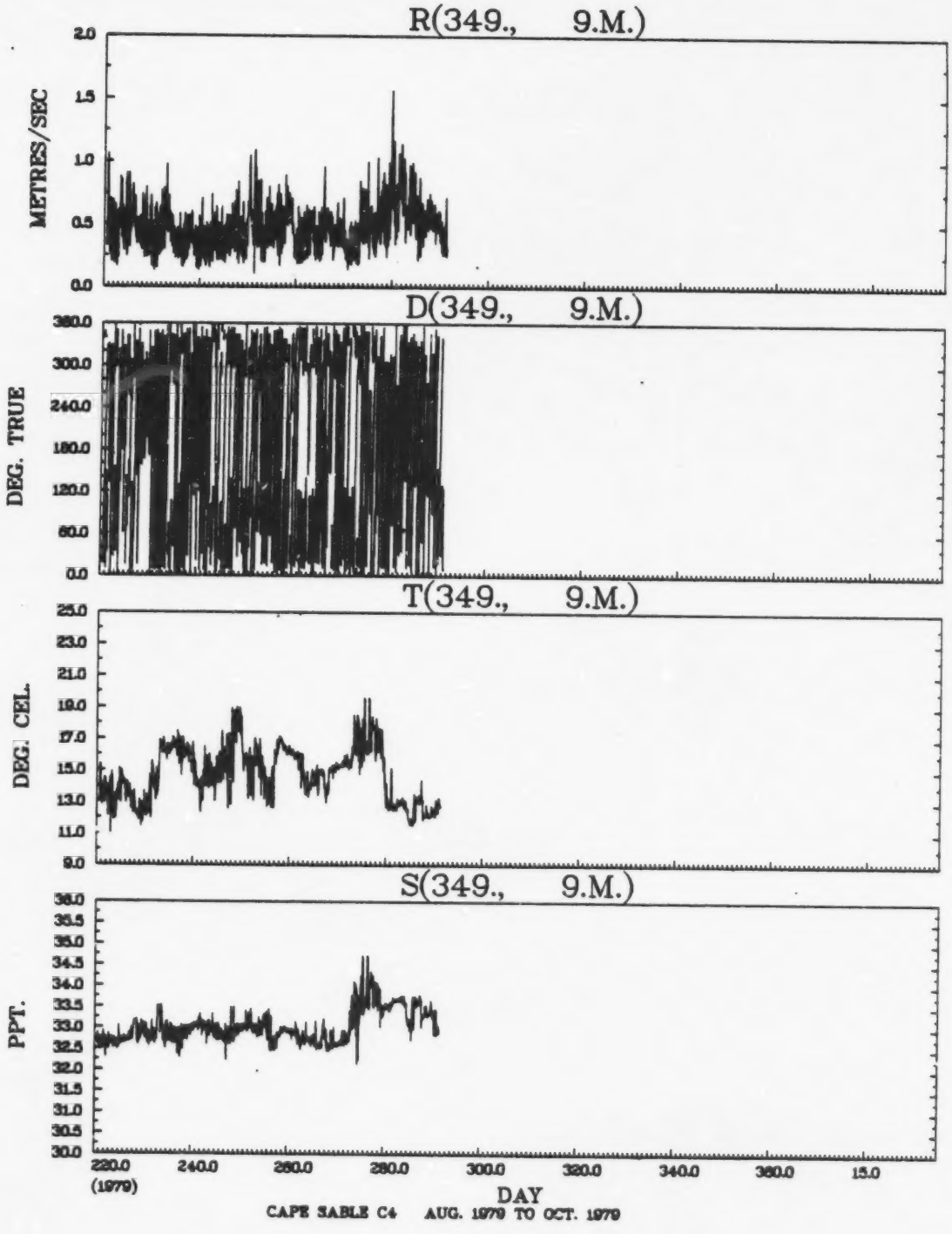
STN. 349, 9 M.



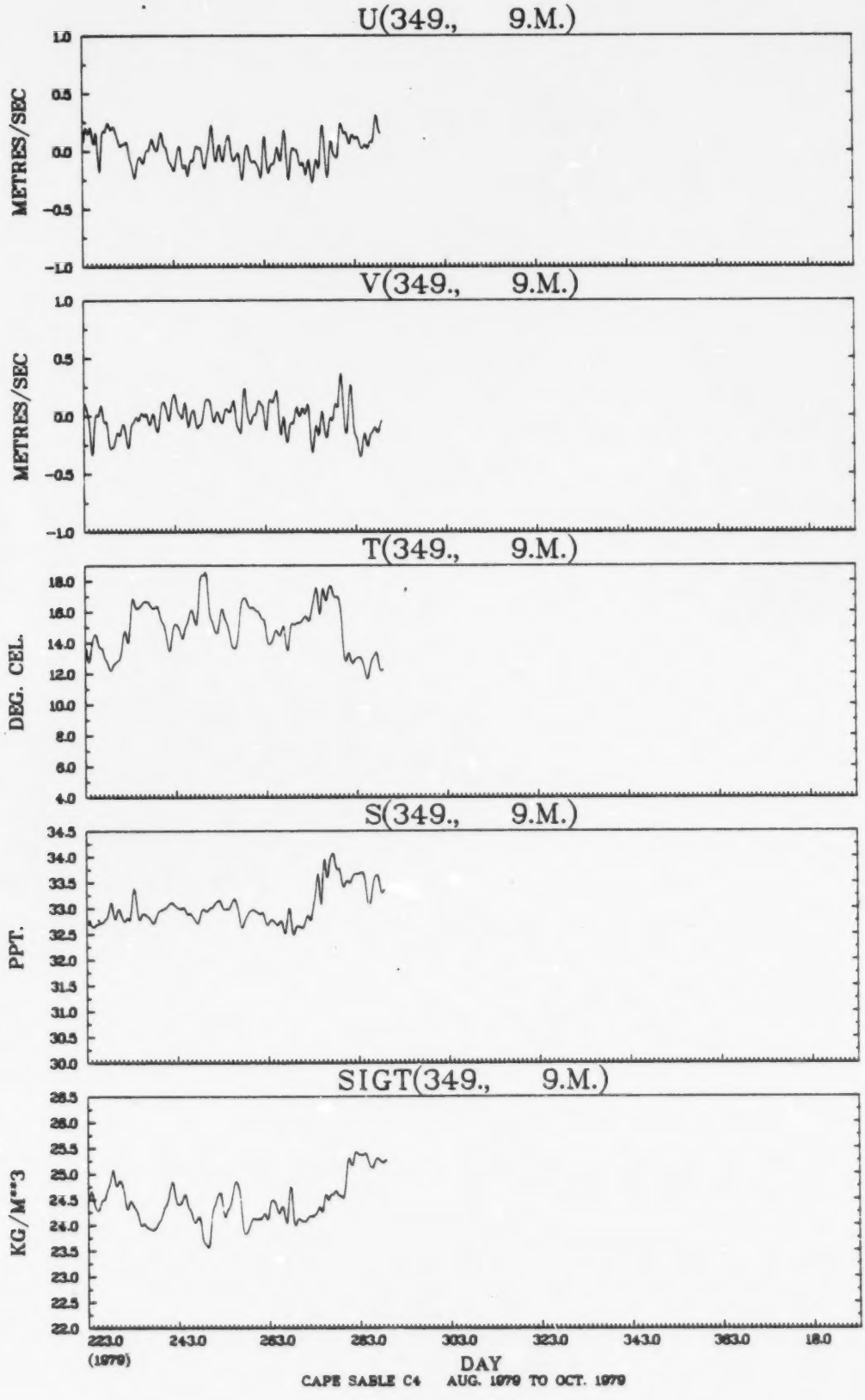
STN. 349, 9 M.



CAPE SABLE C4 AUG. 1979 TO OCT.



CAPE SABLE C4 AUG. 1979 TO OCT. 1979


U(349., 9.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(349., 9.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(349., 9.M.)
DEG. CEL.
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
S(349., 9.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(349., 9.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
223.0
(1979)
243.0
263.0
283.0
303.0
323.0
343.0
363.0
18.0
DAY
CAPE SABLE C4 AUG. 1979 TO OCT. 1979

JOINT DISTRIBUTION (PERCENT)

D(349.. 9.M.) VS R(349.. 9.M.)

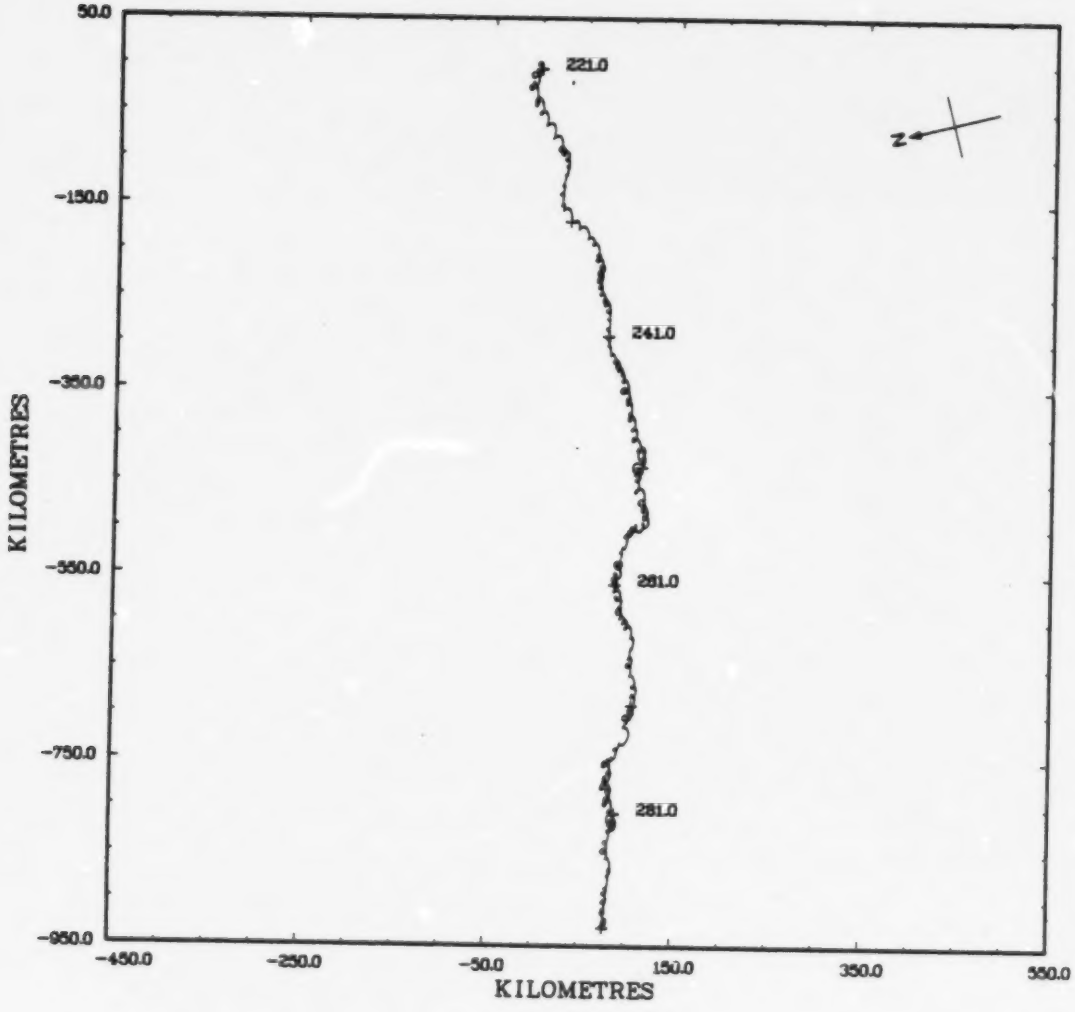
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50	2	*					.1	.1						
1.30 TO	1.40	1	*					.1							
1.20 TO	1.30		*												
1.10 TO	1.20	4	*				.1	.1	.1						
1.00 TO	1.10	4	*				.1	.1	.1						
.90 TO	1.00	22	*			.1	.1	.4	.2				.5	.1	
.80 TO	.90	39	*			.1	.4	.3	.2			.2	.6	.4	.1
.70 TO	.80	78	*	.1	.1	.3	.4	.6	.4	.3	.1	.5	1.2	.6	
.60 TO	.70	174	*	.1	.2	.6	1.5	.9	1.2	.5	.5	1.1	2.2	.9	.6
.50 TO	.60	288	*	.6	.5	1.4	2.2	1.9	1.6	1.0	.3	1.2	2.5	2.9	.9
.40 TO	.50	434	*	1.1	1.2	1.9	2.9	2.8	2.0	1.2	.9	1.6	3.2	4.6	2.0
.30 TO	.40	360	*	1.6	1.5	1.6	2.1	1.5	1.8	1.2	1.1	.9	2.3	2.6	2.8
.20 TO	.30	216	*	1.4	.9	1.5	1.0	.6	1.0	.7	.6	.8	.9	1.8	1.5
.10 TO	.20	71	*	.3	.6	.5	.6	.2	.1	.5	.2	.4	.1	.4	.3
-.00 TO	.10	8	*	.1	.1			.1		.2		.1	.1		
OUT OF RANGE		0	0												
SUB TOTAL		1701	0	89	86	137	194	164	146	95	61	114	232	244	139

JOINT DISTRIBUTION (PERCENT)

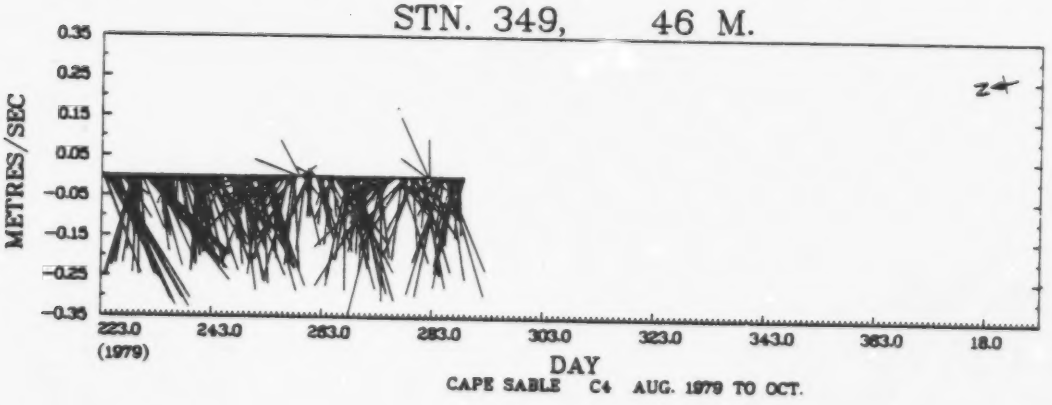
T(349., 9.M.) VS S(349., 9.M.)

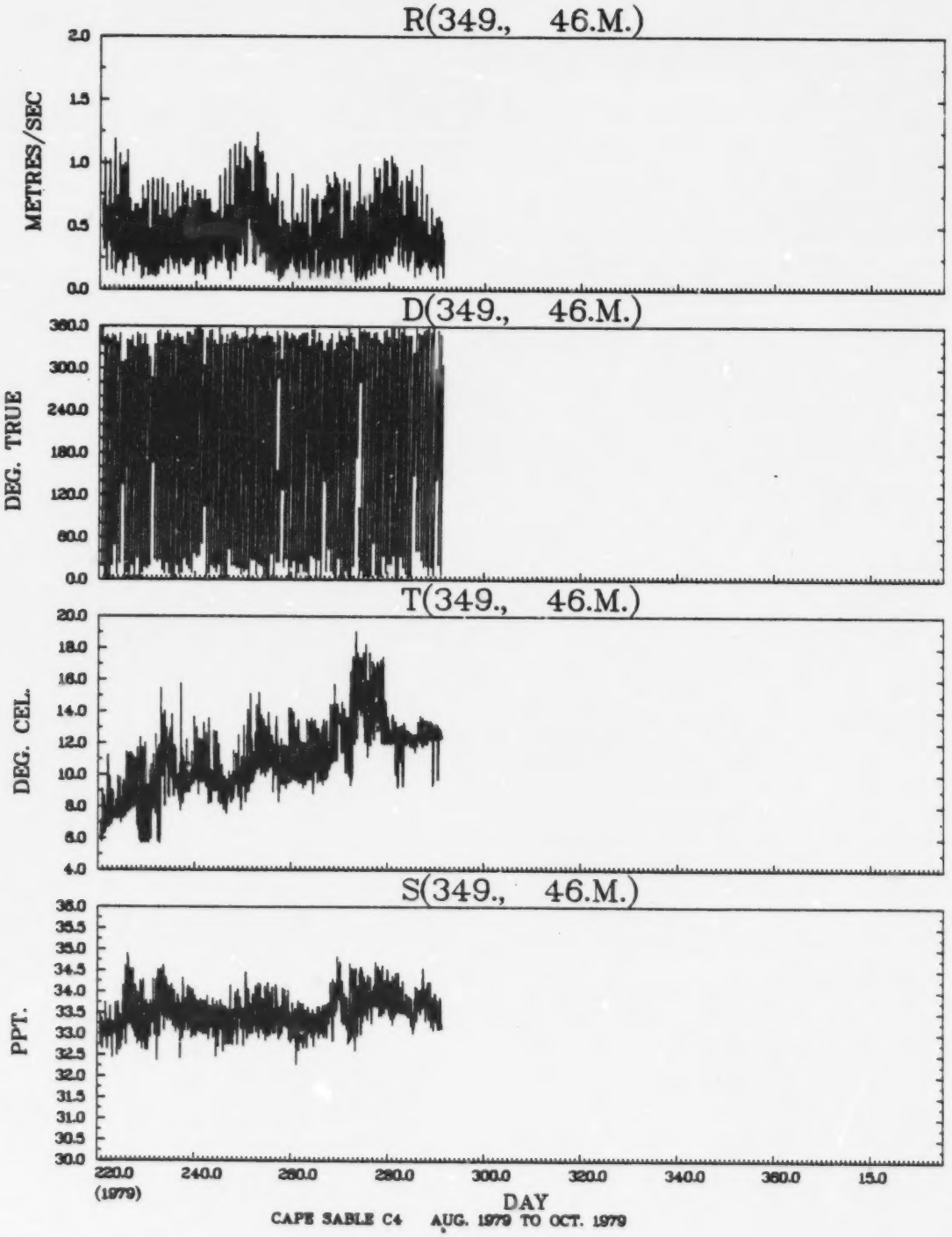
PPT. DEG. CEL.	SUB TOTAL	OUT OF RANGE	0.00 TO 2.00	2.00 TO 4.00	4.00 TO 6.00	6.00 TO 8.00	8.00 TO 10.00	10.00 TO 12.00	12.00 TO 14.00	14.00 TO 16.00	16.00 TO 18.00	18.00 TO 20.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00	4	*										.2
34.00 TO 34.50	28	*									.9	.7
33.50 TO 34.00	213	*							7.7	.6	3.9	.2
33.00 TO 33.50	479	*						1.4	10.9	10.3	5.2	.4
32.50 TO 33.00	963	*						.7	13.5	26.4	14.2	1.8
32.00 TO 32.50	14	*							.1	.6	.1	
31.50 TO 32.00		*										
31.00 TO 31.50		*										
30.50 TO 31.00		*										
30.00 TO 30.50		*										
OUT OF RANGE	0	0										
SUB TOTAL	1701	0						36	547	646	415	57

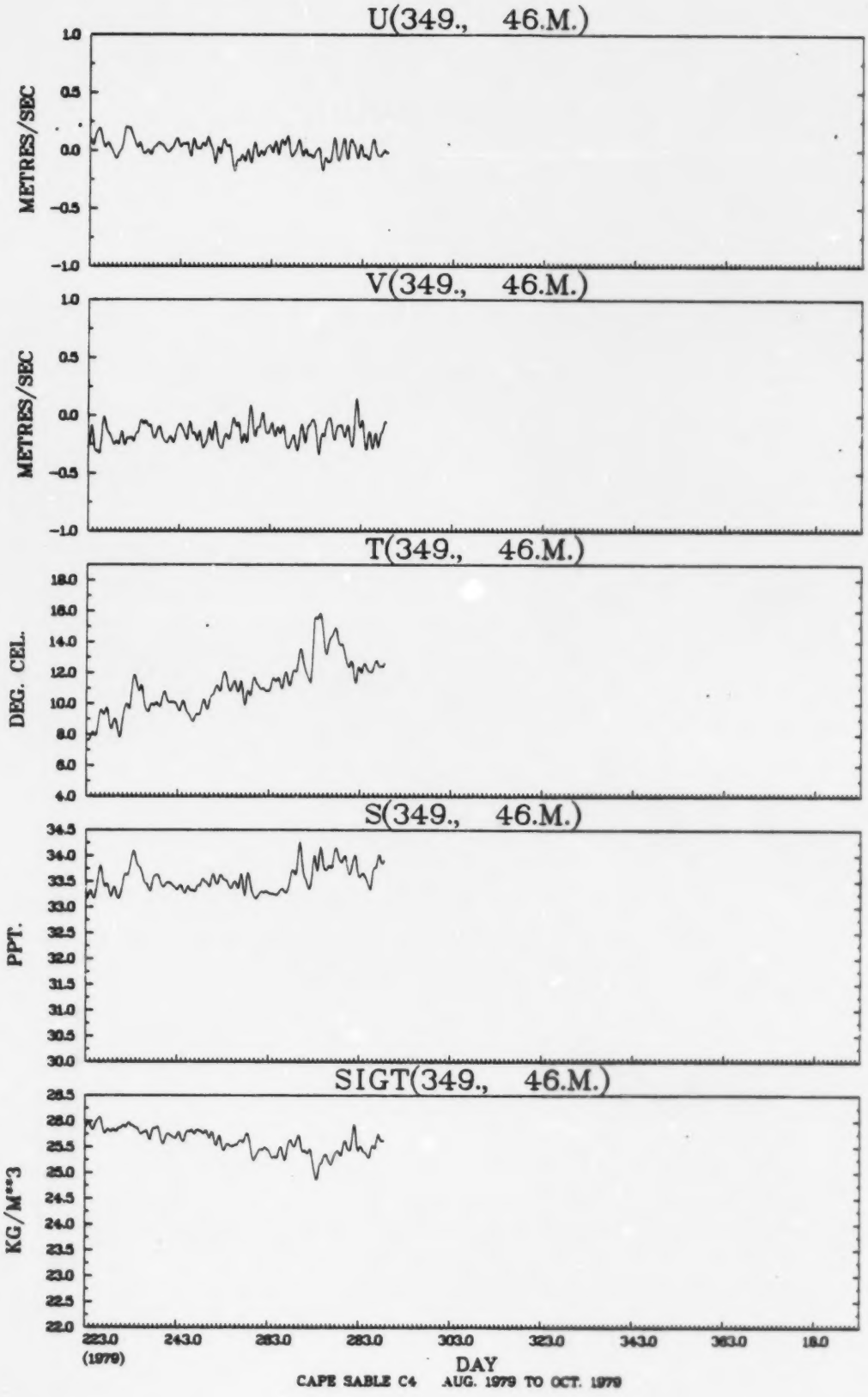
STN. 349, 46 M.



STN. 349, 46 M.




R(349., 46.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(349., 46.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(349., 46.M.)
DEG. CEL.
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
S(349., 46.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
220.0
(1979)
240.0
260.0
280.0
300.0
320.0
340.0
360.0
15.0
DAY
CAPE SABLE C4 AUG. 1979 TO OCT. 1979


U(349., 46.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(349., 46.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(349., 46.M.)
DEG. CEL.
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
S(349., 46.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(349., 46.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
223.0
(1979)
243.0
263.0
283.0
303.0
323.0
343.0
363.0
18.0
DAY
CAPE SABLE C4 AUG. 1979 TO OCT. 1979

JOINT DISTRIBUTION (PERCENT)

D(349., 46.M.) VS R(349., 46.M.)

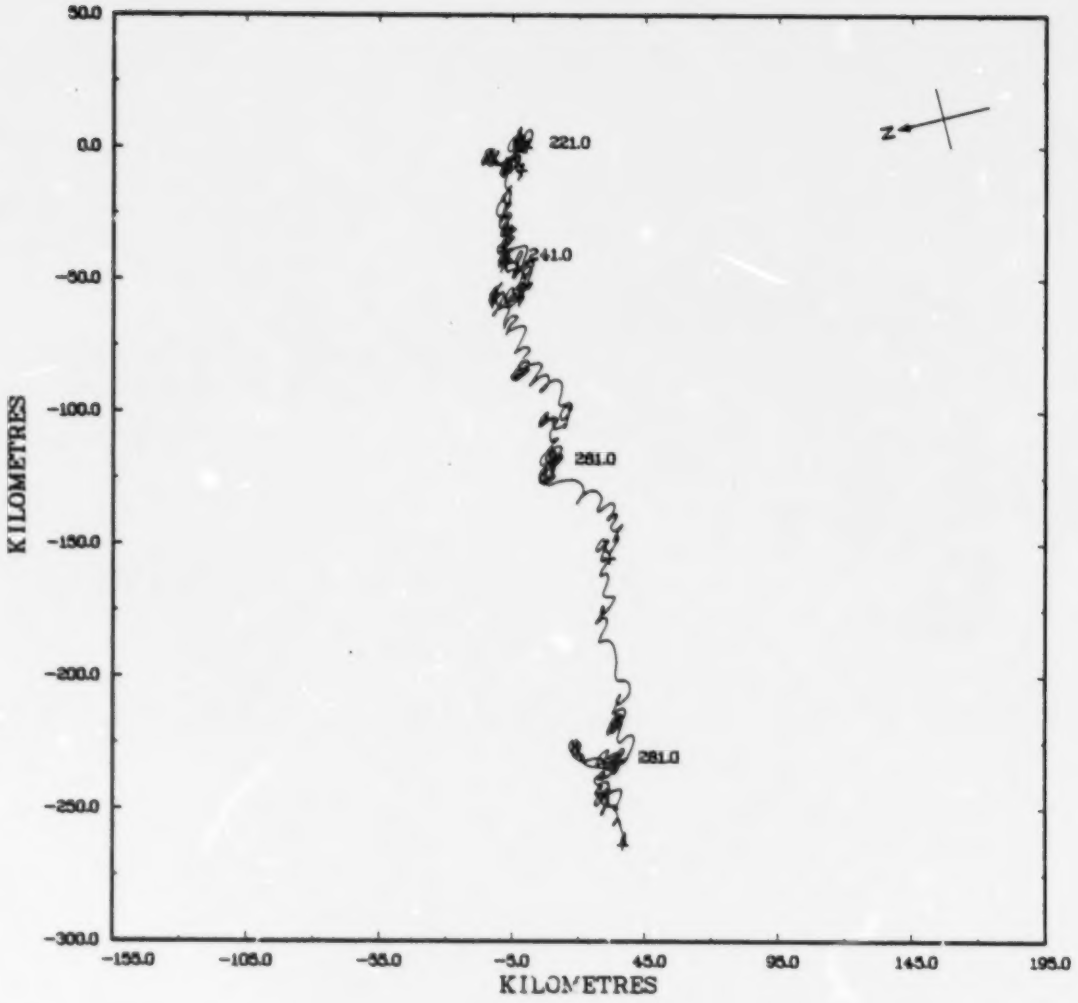
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30	1	*										.1		
1.10 TO	1.20	1	*										.1		
1.00 TO	1.10	16	*									.1	.8	.1	
.90 TO	1.00	33	*									.1	1.5	.4	
.80 TO	.90	66	*								.1	.5	2.3	.9	.1
.70 TO	.80	106	*				.1	.2	.1	.1	.1	1.0	3.4	1.1	.1
.60 TO	.70	160	*	.1		.1	.2	.4	.3	.3	.4	1.1	3.2	3.1	.2
.50 TO	.60	225	*		.1	.3	1.0	1.2	.6	.5	.9	1.8	2.8	3.1	1.0
.40 TO	.50	303	*	.5	.4	.7	2.2	2.7	1.2	.7	1.5	1.4	2.0	3.0	1.5
.30 TO	.40	344	*	.8	1.1	1.5	2.8	3.1	2.6	1.2	1.3	1.2	1.3	1.5	1.9
.20 TO	.30	295	*	1.1	1.9	1.6	1.7	2.8	1.9	1.3	.9	1.2	.8	.4	1.7
.10 TO	.20	138	*	.7	.6	.9	1.2	.7	1.1	.5	.6	.5	.5	.2	.5
-.00 TO	.10	12	*	.3	.1	.1	.1	.1			.1			.1	
OUT OF RANGE		0	0												
SUB TOTAL		1700	0	59	70	89	158	189	135	79	98	149	319	237	118

JOINT DISTRIBUTION (PERCENT)

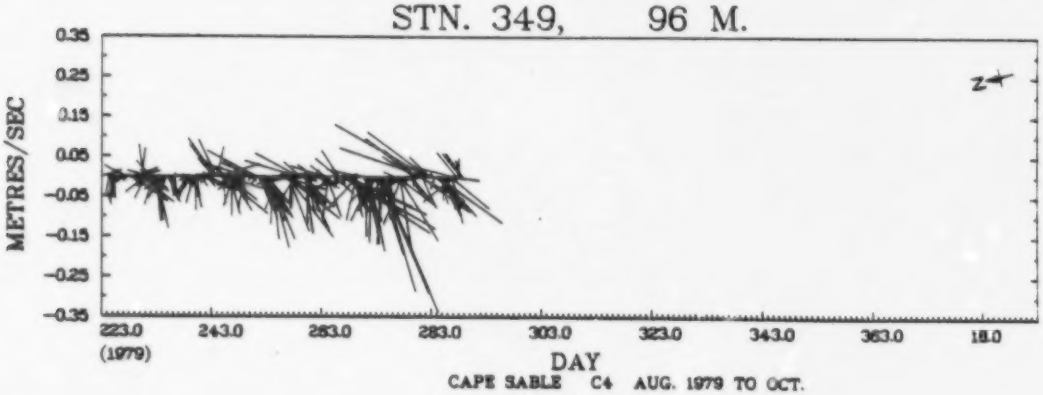
T(349., 46.M.) VS S(349., 46.M.)

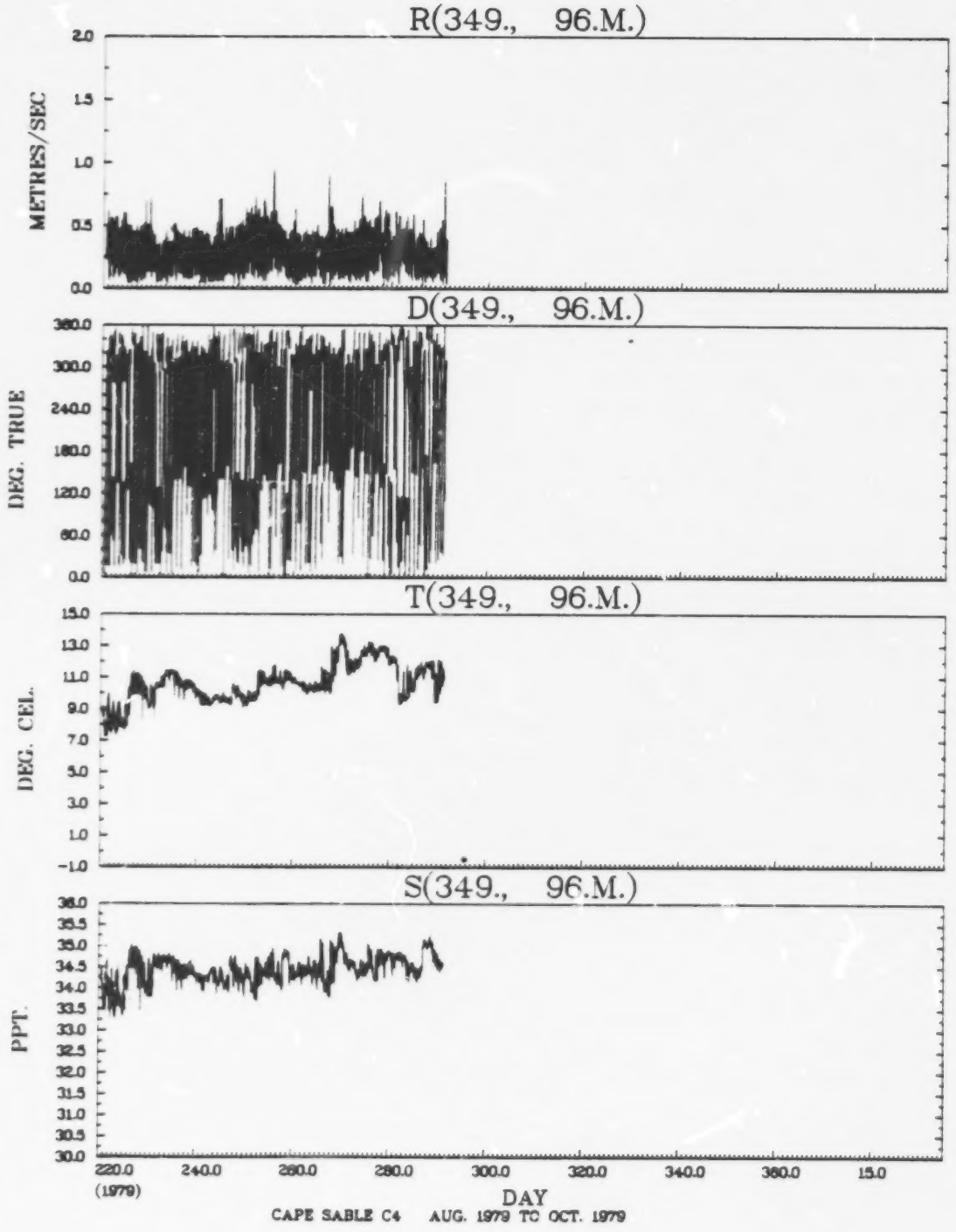
PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	0.00 TO 2.00	2.00 TO 4.00	4.00 TO 6.00	6.00 TO 8.00	8.00 TO 10.00	10.00 TO 12.00	12.00 TO 14.00	14.00 TO 16.00	16.00 TO 18.00	18.00 TO 20.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00	13	*						.4	.1	.1	.1	
34.00 TO	34.50	175	*					.8	2.2	4.0	2.3	1.0	
33.50 TO	34.00	640	*				.3	8.5	12.7	13.2	2.2	.7	
33.00 TO	33.50	804	*				5.5	16.4	16.4	8.6	.4	.1	
32.50 TO	33.00	68	*				1.2	.7	1.0	1.0	.1		
32.00 TO	32.50		*										
31.50 TO	32.00		*										
31.00 TO	31.50		*										
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		1700	0				119	450	555	459	85	32	

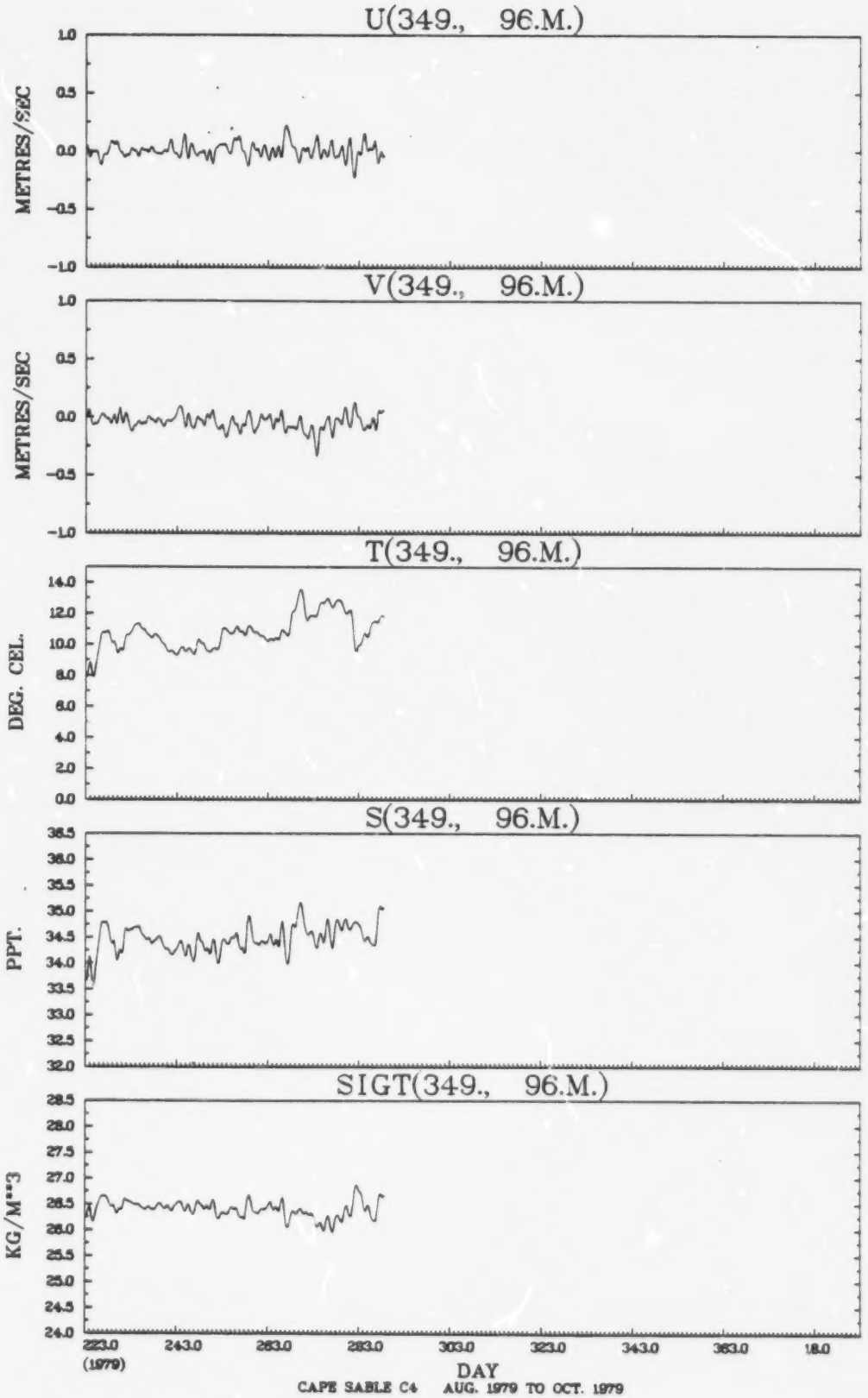
STN. 349, 96 M.



STN. 349, 96 M.




R(349., 96.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(349., 96.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(349., 96.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(349., 96.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
220.0
(1979)
240.0
260.0
280.0
300.0
320.0
340.0
360.0
15.0
DAY
CAPE SABLE C4 AUG. 1979 TO OCT. 1979


U(349., 96.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(349., 96.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(349., 96.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(349., 96.M.)
PPT.
36.5
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
SIGT(349., 96.M.)
KG/M**3
28.5
28.0
27.5
27.0
26.5
26.0
25.5
25.0
24.5
24.0
223.0
(1979)
243.0
263.0
283.0
303.0
323.0
343.0
363.0
18.0
DAY
CAPE SABLE C4 AUG. 1979 TO OCT. 1979

JOINT DISTRIBUTION (PERCENT)

D(349., 96.M.) VS R(349., 96.M.)

DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90	3	*						.1	.1		.1			
.70 TO	.80	4	*						.1	.1		.1			
.60 TO	.70	16	*				.1	.1	.1	.1	.1	.2	.2	.2	
.50 TO	.60	97	*				.2	.9	1.1	.3	.1	.2	.8	1.8	.3
.40 TO	.50	297	*	.1		.1	1.0	3.3	1.4	.4	.1	.5	2.2	6.8	1.6
.30 TO	.40	441	*	.2	.1	.2	3.0	4.8	3.1	.8	.6	.5	2.6	7.3	2.6
.20 TO	.30	425	*	.9	.5	.8	2.2	3.8	2.9	1.9	.8	1.1	2.9	3.8	3.6
.10 TO	.20	317	*	1.5	.6	1.6	2.0	1.6	1.7	1.0	1.4	1.7	1.6	2.5	1.4
-.00 TO	.10	100	*	.5	.4	.5	.5	.3	.3	.6	.6	.9	.5	.3	.4
OUT OF RANGE		0	0												
SUB TOTAL		1700	0	55	26	54	154	252	184	88	62	90	182	384	169

JOINT DISTRIBUTION (PERCENT)

T(349., 96.M.) VS S(349., 96.M.)

PPT. DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50	79	*						.2	3.4	1.1		
34.50 TO 35.00	700	*						18.3	21.6	1.3		
34.00 TO 34.50	779	*					1.1	36.6	8.1			
33.50 TO 34.00	129	*					4.0	3.3	.3			
33.00 TO 33.50	13	*					.8					
32.50 TO 33.00		*										
32.00 TO 32.50		*										
31.50 TO 32.00		*										
31.00 TO 31.50		*										
30.50 TO 31.00		*										
30.00 TO 30.50		*										
OUT OF RANGE	0	0										
SUB TOTAL	1700	0					99	993	567	41		

TABLE 13

MOORING SUMMARY, CRUISE 79-027

Station	Latitude	Longitude	Instrument Number, Type*		Depth	Sounding	Comments
C1(357)	43° 12.18'N	65° 43.10'W	3392	A	16	59	
C1(357)	43° 12.20'N	65° 43.21'W	3300	A	30	57	
			3785	A	40	57	There was a large magnetic field on tape, causing amplitude variations and direction failure. Instrument was tangled in ground line on recovery.
			820	A	50	57	Instrument was tangled in ground line on recovery. Data appears usable.
			1951	A	55	57	The conductivity channel malfunctioned causing every second reading to be bad at intervals throughout the record. Rate dropouts are unexplained. Instrument was tangled in ground line on recovery. Data appears useable.
			3306	A	57	57	
C2(358)	43° 03.53'N	65° 45.49'W	245	V	15	108	Rotor failed from day 290 (1979).
			3569	A	16	108	
C2(358)	43° 03.67'N	65° 45.39'W	3579	A	50	107	
			1950	A	90	107	

TABLE 13 (Continued)

Station	Latitude	Longitude	Instrument Number, Type*		Depth	Sounding	Comments
			3566	A	100	107	
			2037	A	105	107	Data tape could not be translated.
			1286	A	107	107	
C2(358)	43° 03.53'N	65° 45.49'W	282	TG	108	108	
C3(359)	42° 51.27'N	65° 49.48'W	498	V	15	106	Rotor lost on day 13 (1980).
			4299	A	16	106	
C3(359)	42° 51.40'N	65° 49.50'W	3581	A	50	108	The clock failed, the instrument was firing at random.
			1607	A	100	108	
C4(360)	42° 34.04'N	55° 55.70'W	4200	A	15	104	Rotor lost on day 72 (1980).
C4(360)	42° 34.09'N	65° 55.70'W	4196	A	50	104	
			3565	A	100	104	
C5(361)	43° 34.68'N	65° 06.31'W	4343	A	15	52	Rotor lost on day 72 (1980).
C5(361)	43° 34.65'N	65° 06.58'W	3786	A	30	59	
			4346	A	50	59	

TABLE 13 (Continued)

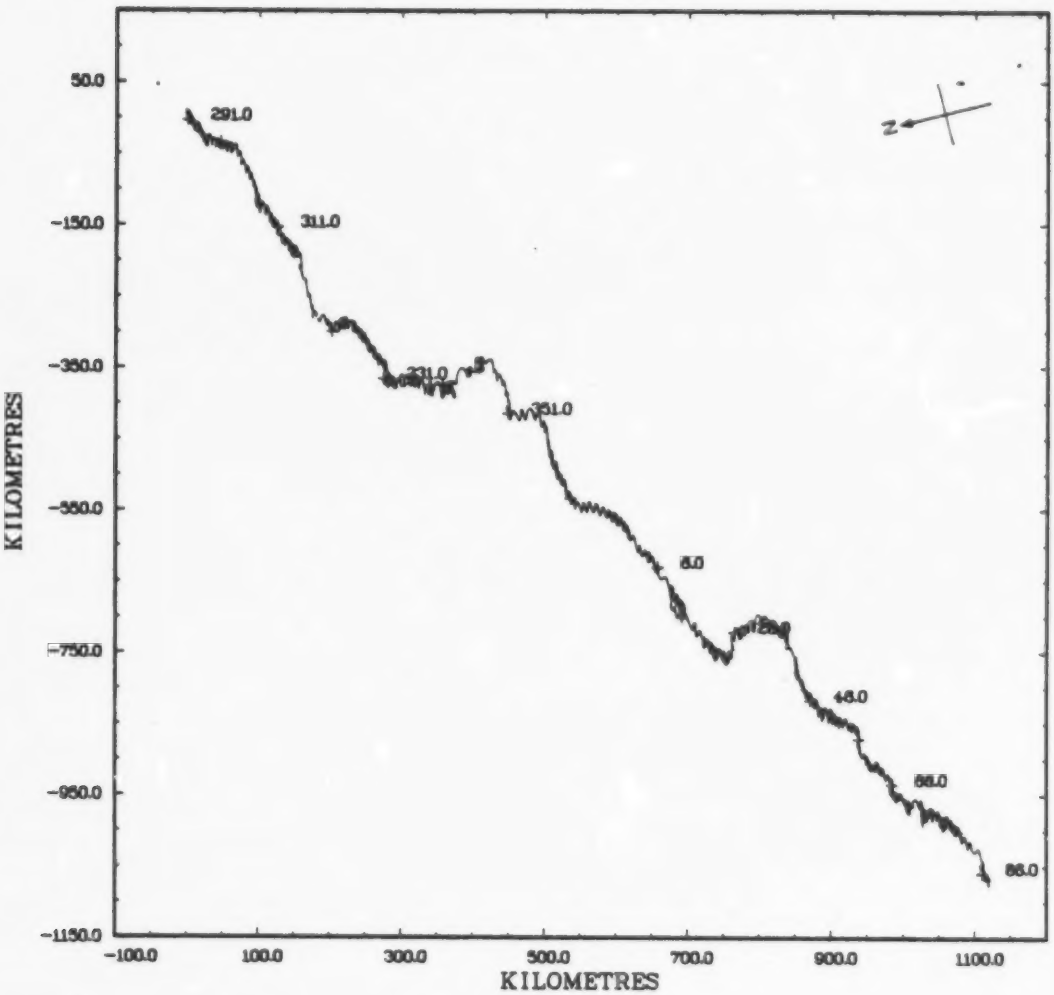
Station	Latitude	Longitude	Instrument Number, Type*		Depth	Sounding	Comments
C6(362)	43° 28.79'N	65° 03.06'W	3784	A	15	111	
C6(362)	43° 28.93'N	65° 03.30'W	1900	A	50	110	Encoder failed at low temperatures. The conductivity channel malfunctioned. There was considerable drift on all channels. The rate is bad.
			3394	A	100	110	
C6(362)	43° 28.79'N	65° 03.30'W	281	TG	111	111	

* A = Aanderaa Current Meter

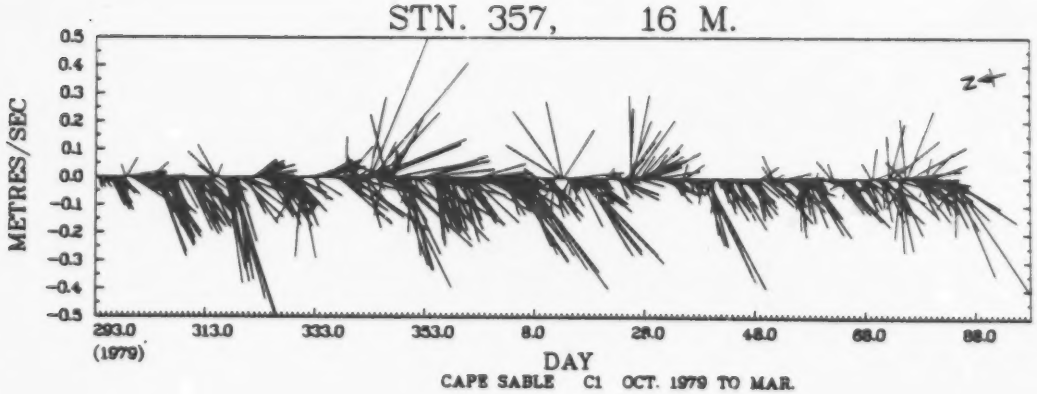
V = VACM Current Meter

TG = Tide Gauge

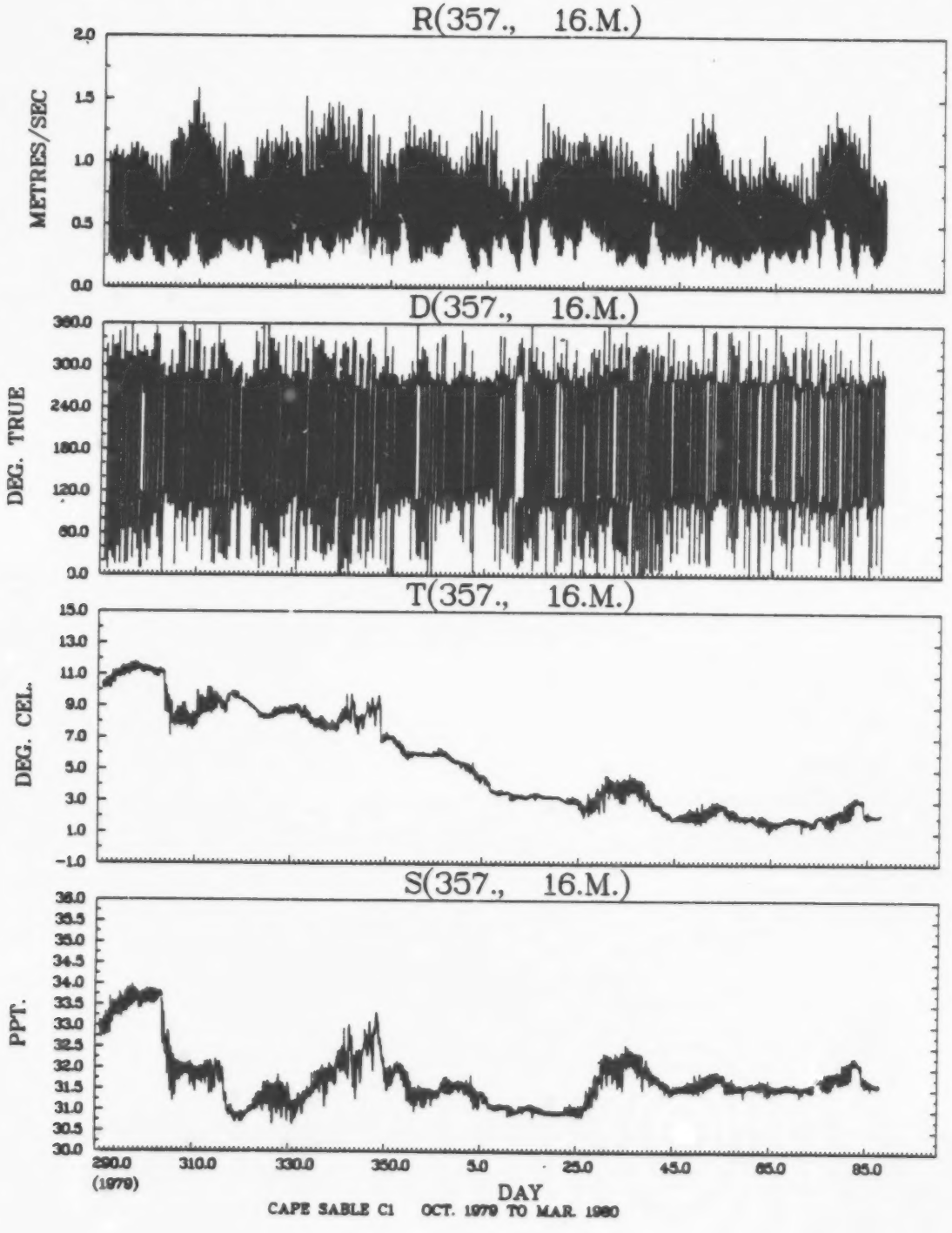
STN. 357, 16 M.

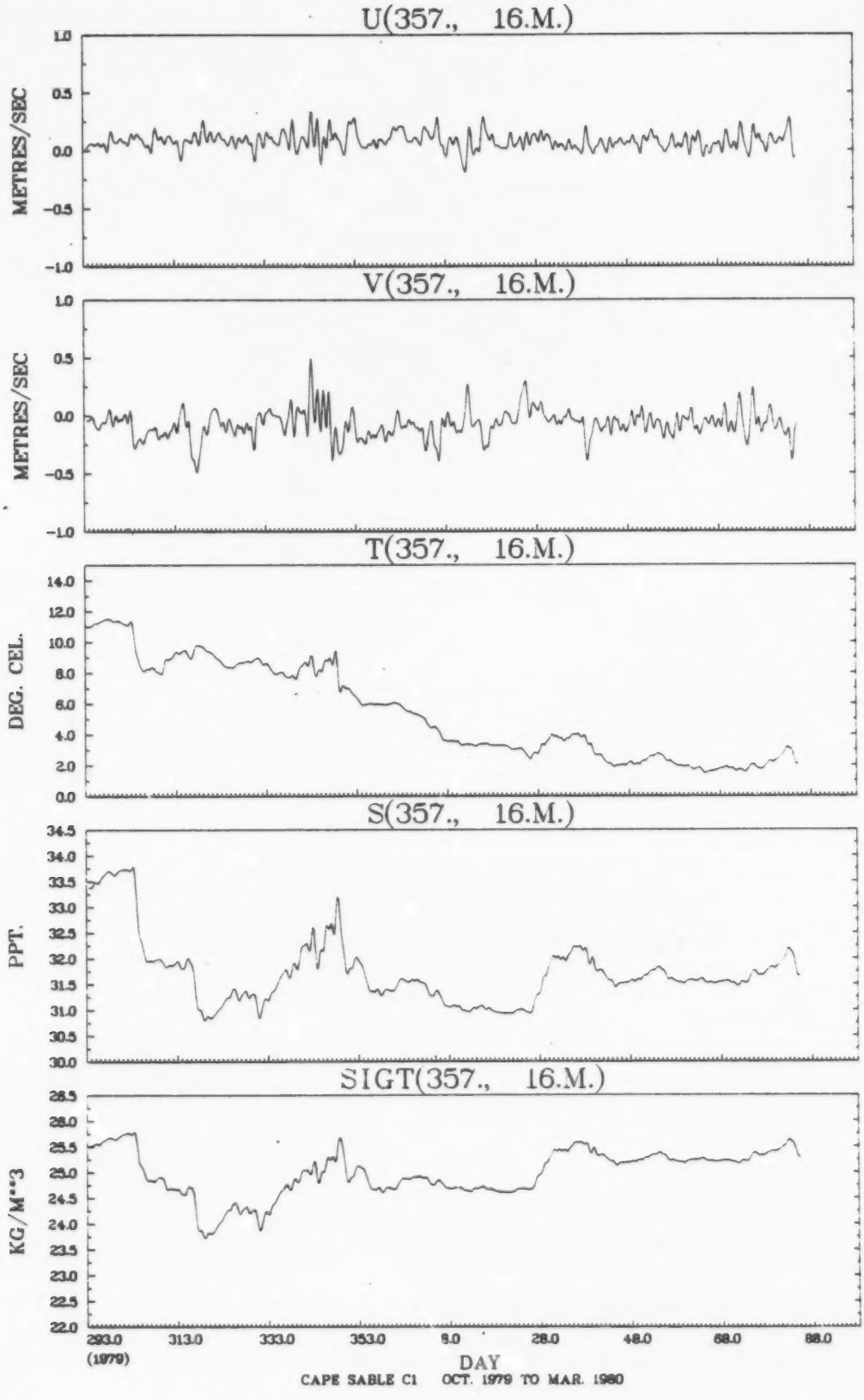


STN. 357, 16 M.



CAPE SABLE C1 OCT. 1979 TO MAR.


R(357., 16.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(357., 16.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(357., 16.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(357., 16.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
290.0
(1979)
310.0
330.0
350.0
5.0
25.0
45.0
65.0
85.0
DAY
CAPE SABLE C1 OCT. 1979 TO MAR. 1980


U(357., 16.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(357., 16.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(357., 16.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(357., 16.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(357., 16.M.)
KG/M**3
28.5
28.0
27.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
293.0
(1979)
313.0
333.0
353.0
8.0
28.0
48.0
68.0
88.0
DAY
CAPE SABLE C1 OCT. 1979 TO MAR. 1980

JOINT DISTRIBUTION (PERCENT)

D(357., 16.M.) VS R(357., 16.M.)

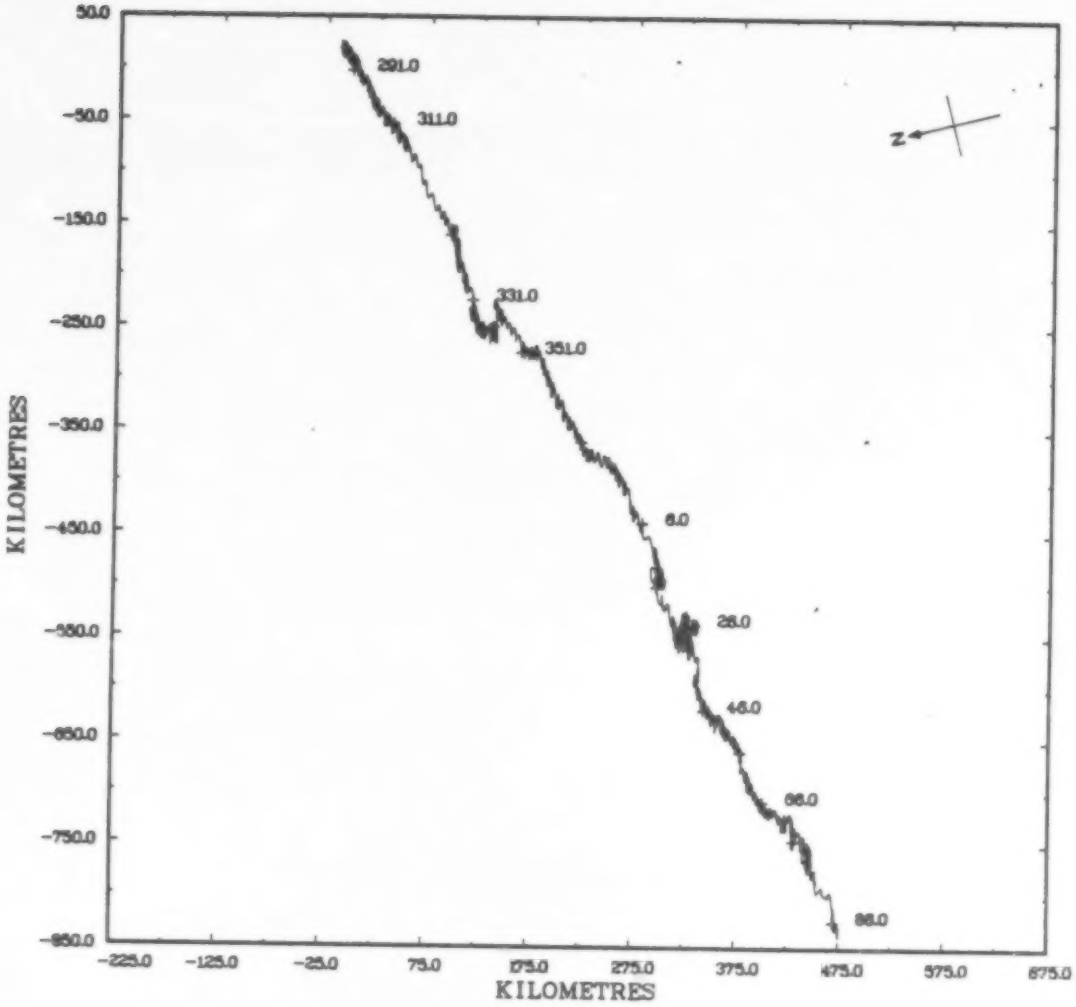
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60	1	*										.0		
1.40 TO	1.50	5	*				.0					.1	.1		
1.30 TO	1.40	27	*				.1	.1				.1	.4		
1.20 TO	1.30	62	*				.5					.1	1.0		
1.10 TO	1.20	150	*			.0	1.5					.4	2.0		
1.00 TO	1.10	246	*			.1	2.4	.1				.4	3.3		
.90 TO	1.00	334	*			.1	3.1	.1				.7	4.6		
.80 TO	.90	405	*			.1	4.0	.4	.0			1.3	4.7		
.70 TO	.80	445	*			.3	4.5	.5			.0	1.3	4.9	.1	
.60 TO	.70	465	*		.0	.4	4.0	1.1	.1	.0	.0	1.7	4.6	.0	
.50 TO	.60	465	*		.1	.7	3.3	1.4	.3	.2	.4	1.6	3.8	.3	
.40 TO	.50	437	*		.2	.9	2.3	1.5	.7	.4	.7	1.6	2.1	.5	.2
.30 TO	.40	389	*	.2	.2	.8	1.2	1.6	1.0	.6	.8	1.5	.8	1.1	.3
.20 TO	.30	290	*	.4	.6	.6	.2	1.0	.7	.8	.8	.9	.4	.7	.4
.10 TO	.20	147	*	.5	.5	.1	.0	.1	.6	.8	.9	.2		.2	.5
-.00 TO	.10	18	*	.0	.1				.1	.1	.1			.0	.1
OUT OF RANGE		0	0												
SUB TOTAL		3886	0	42	63	159	1052	305	137	114	125	455	1266	109	59

JOINT DISTRIBUTION (PERCENT)

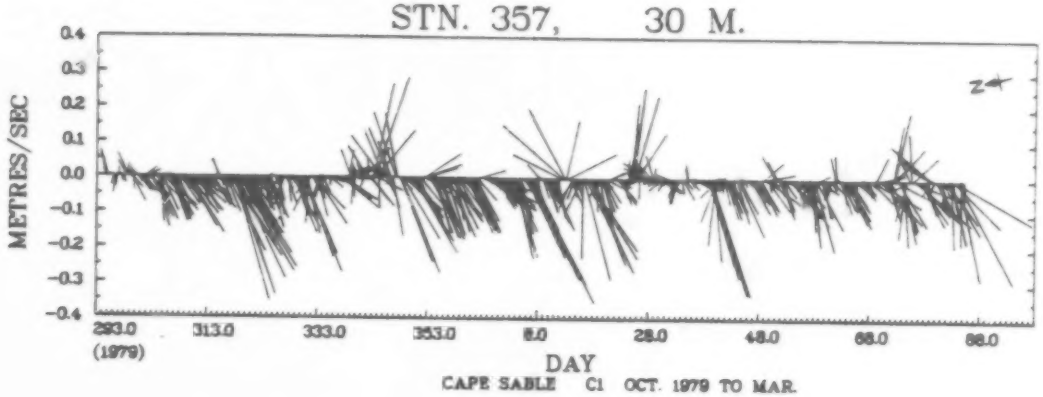
T(357., 16.M.) VS S(357., 16.M.)

PPT.	DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00	186	*						.2	4.6			
33.00 TO	33.50	119	*					.1	1.8	1.2			
32.50 TO	33.00	110	*				.3	.8	1.8				
32.00 TO	32.50	475	*		.6	5.2	.6	4.9	.8				
31.50 TO	32.00	1620	*		24.1	2.5	5.1	8.3	1.6				
31.00 TO	31.50	993	*		5.5	8.2	4.9	6.2	.8				
30.50 TO	31.00	383	*		1.5	4.8		1.0	2.5				
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3886	0		1231	806	423	826	376	224			

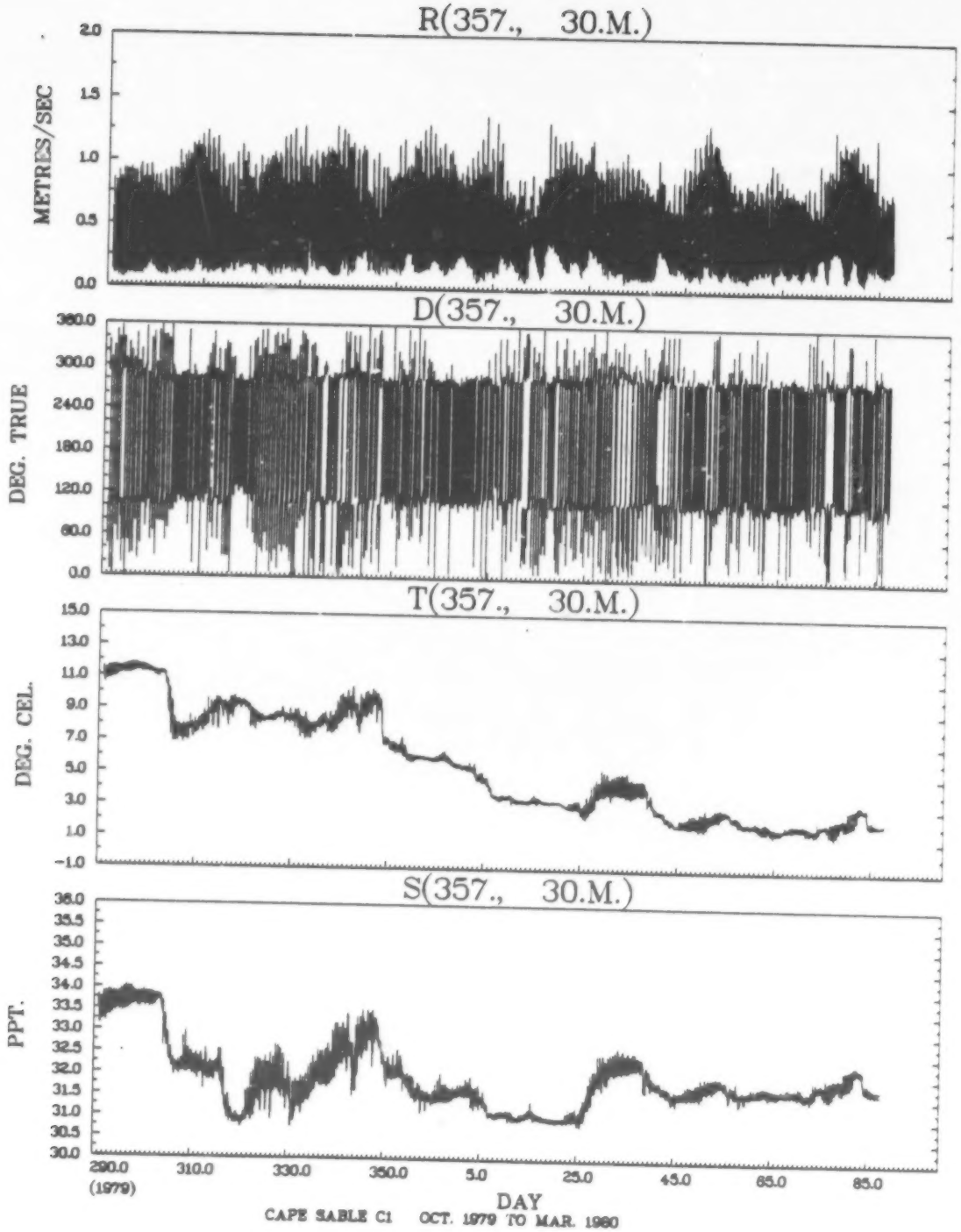
STN. 357, 30 M.

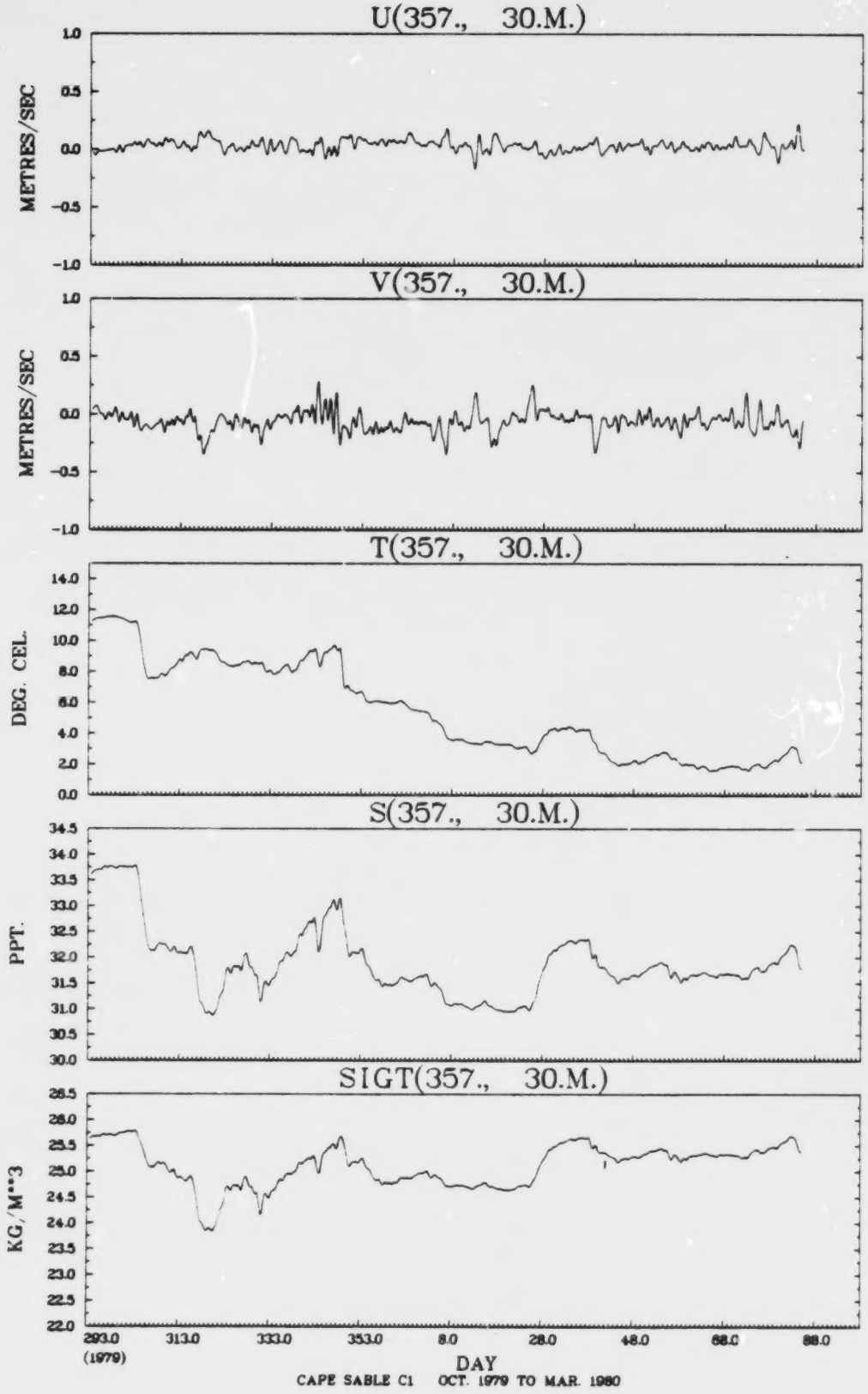


STN. 357, 30 M.



CAPE SABLE C1 OCT. 1979 TO MAR.


R(357., 30.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(357., 30.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(357., 30.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(357., 30.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
290.0
(1979)
310.0
330.0
350.0
5.0
25.0
45.0
65.0
85.0
DAY
CAPE SABLE C1 OCT. 1979 TO MAR. 1980


U(357., 30.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(357., 30.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(357., 30.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(357., 30.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(357., 30.M.)
KG/M**3
28.5
28.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
293.0
(1979)
313.0
333.0
353.0
8.0
28.0
48.0
68.0
88.0
DAY
CAPE SABLE C1 OCT. 1979 TO MAR. 1980

JOINT DISTRIBUTION (PERCENT)

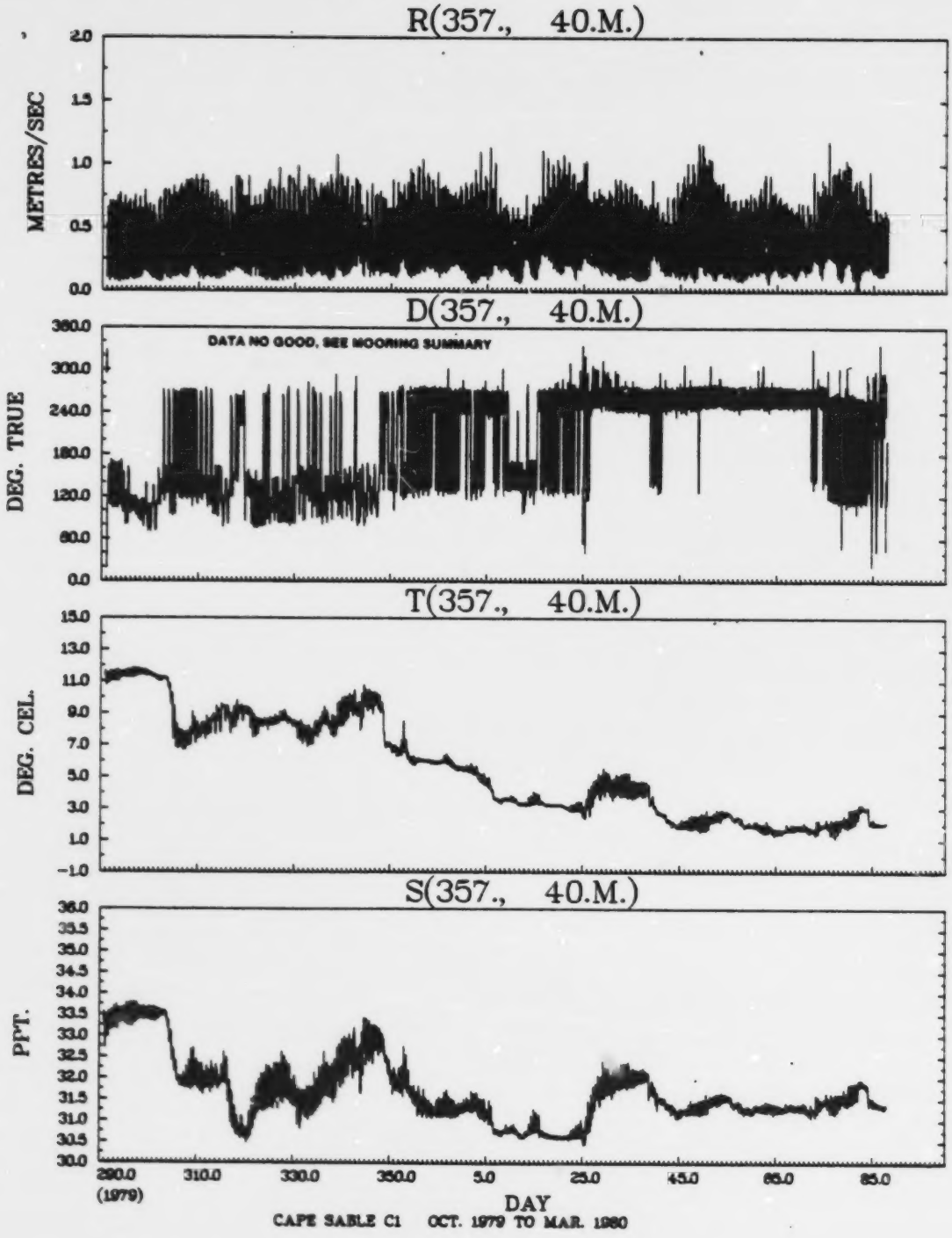
D(357.5 30.M.) VS R(357.5 30.M.)

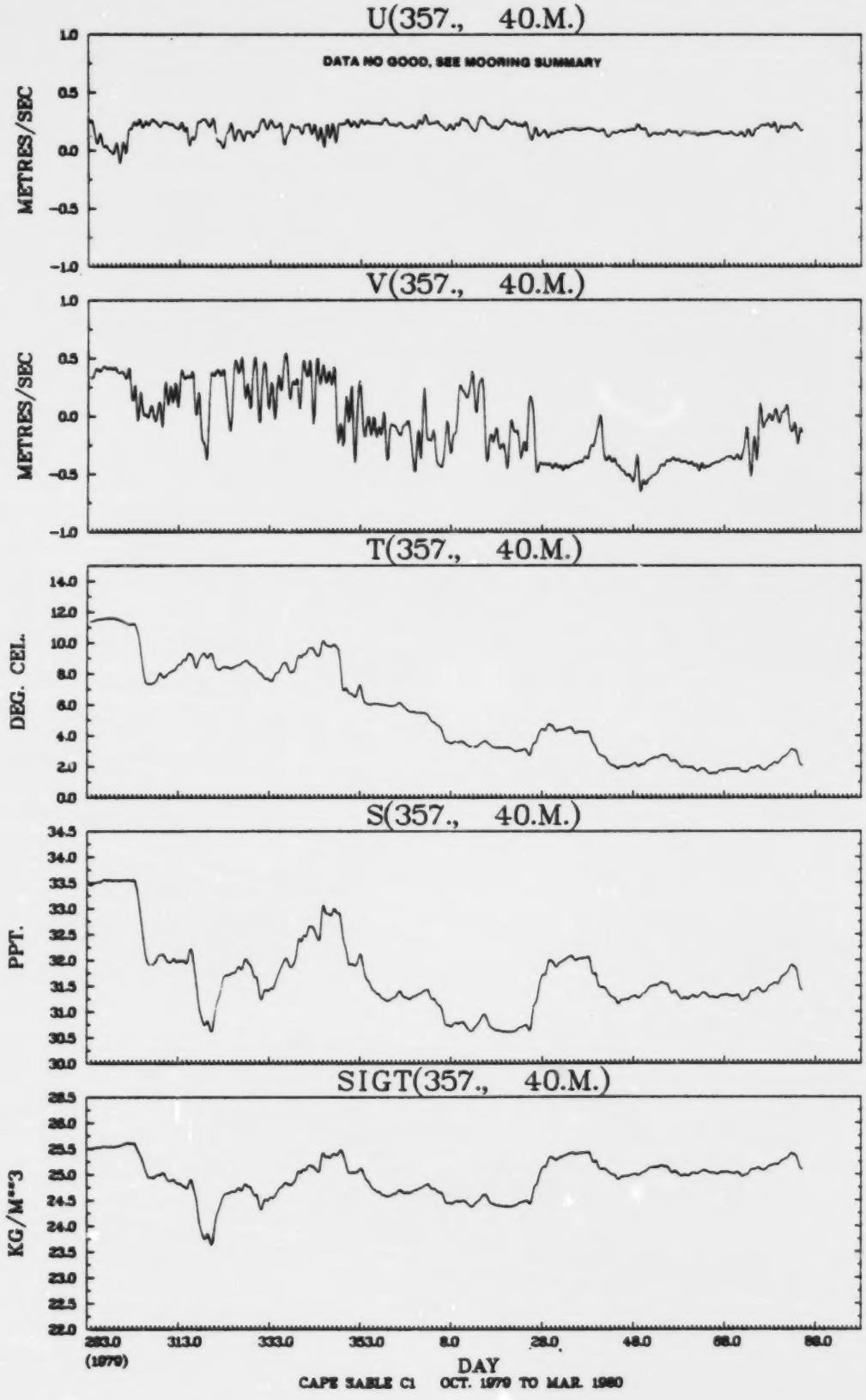
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30	18	*				.1						.4		
1.10 TO	1.20	50	*				.2						1.1		
1.00 TO	1.10	146	*				1.4						2.3		
.90 TO	1.00	239	*				2.7					.0	3.4		.0
.80 TO	.90	372	*				4.0	.0				.1	5.5	.0	
.70 TO	.80	476	*				5.1	.1				.1	6.9	.1	
.60 TO	.70	469	*			.0	5.2	.5			.0	.2	6.0	.1	
.50 TO	.60	443	*		.0	.1	4.8	.7	.1			.2	5.4	.2	
.40 TO	.50	393	*		.0	.1	3.8	1.2			.1	.7	3.9	.4	
.30 TO	.40	423	*	.0	.1	.4	2.7	1.9	.2	.1	.2	1.2	3.1	1.0	.0
.20 TO	.30	411	*		.2	.9	1.6	2.0	.7	.3	.4	1.9	1.4	1.1	.2
.10 TO	.20	341	*	.4	.5	.6	.2	1.2	1.2	1.0	1.1	1.1	.3	.5	.5
-.00 TO	.10	104	*	.2	.4	.1		.2	.3	.6	.3	.2		.2	.3
OUT OF RANGE		0	0												
SUB TOTAL		3885	0	26	44	87	1238	303	98	78	81	218	1536	136	40

JOINT DISTRIBUTION (PERCENT)

T(357., 30.M.) VS S(357., 30.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50	9	*							.2			
33.50 TO	34.00	270	*						.3	6.7			
33.00 TO	33.50	118	*					.1	2.4	.5			
32.50 TO	33.00	152	*			.2	.3	1.3	2.2				
32.00 TO	32.50	777	*		1.0	6.9	2.0	8.9	1.2				
31.50 TO	32.00	1642	*		26.4	2.2	6.8	6.7	.2				
31.00 TO	31.50	666	*		1.4	9.2	2.7	3.0	.8				
30.50 TO	31.00	251	*		1.0	3.6		.2	1.8				
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3885	0		1159	852	457	785	345	287			


R(357., 40.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(357., 40.M.)
DATA NO GOOD, SEE MOORING SUMMARY
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(357., 40.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(357., 40.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
290.0
(1979)
310.0
330.0
350.0
5.0
25.0
45.0
65.0
85.0
DAY
CAPE SABLE C1 OCT. 1979 TO MAR. 1980

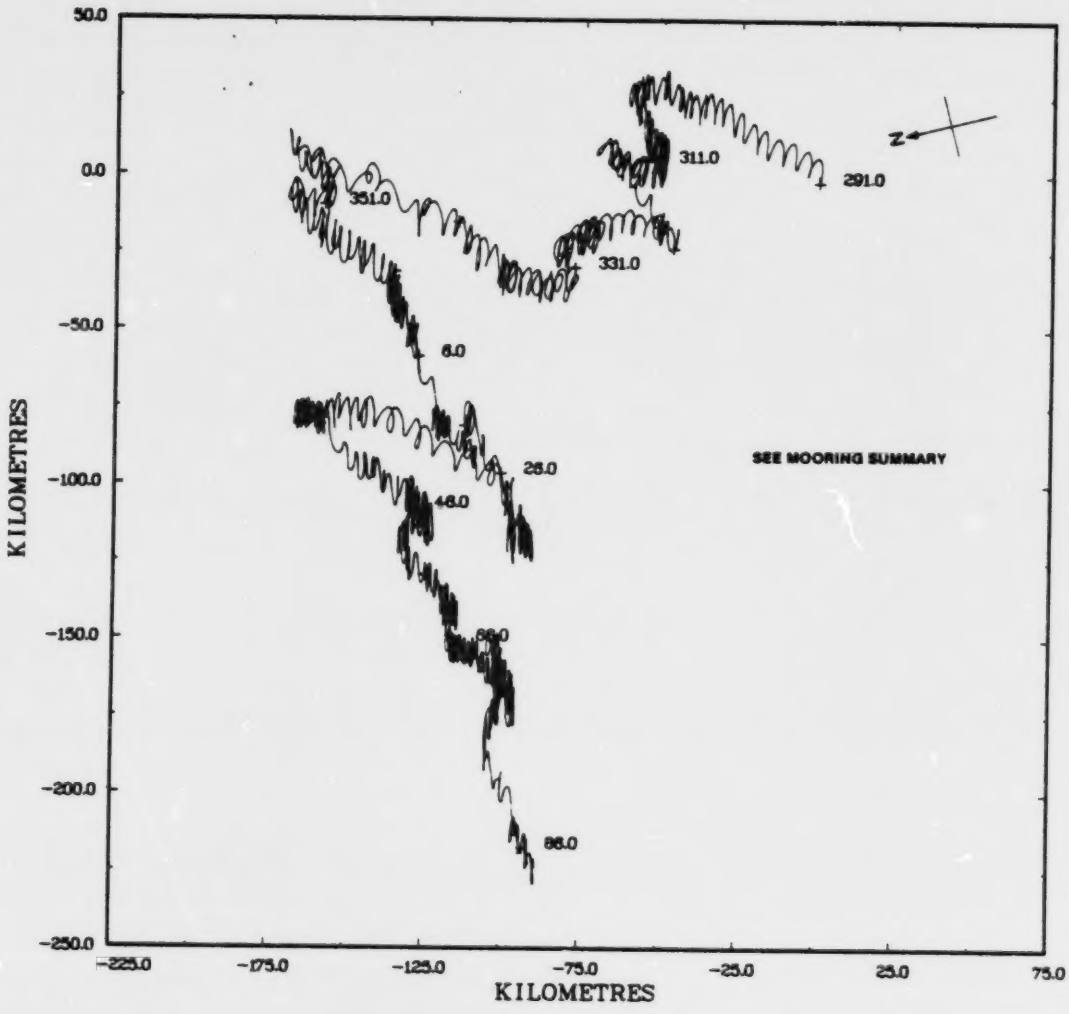

U(357., 40.M.)
DATA NO GOOD, SEE MOORING SUMMARY
METRES/SEC
V(357., 40.M.)
METRES/SEC
T(357., 40.M.)
DEG. CEL.
S(357., 40.M.)
PPT.
SIGT(357., 40.M.)
KG/M**3
283.0
(1979)
313.0
333.0
353.0
8.0
28.0
48.0
68.0
88.0
DAY
CAPE SABLE C1 OCT. 1979 TO MAR. 1980

JOINT DISTRIBUTION (PERCENT)

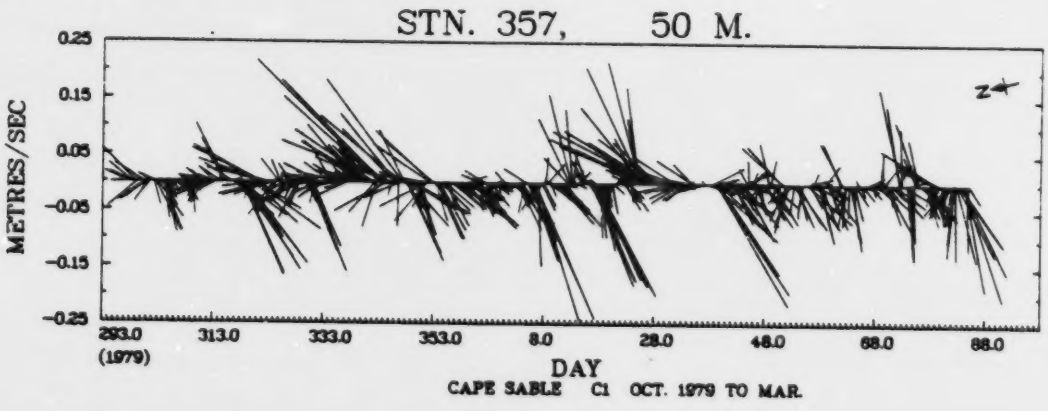
T(357., 40.M.) VS S(357., 40.M.)

DEG. CEL. PPT.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00	173	*							4.4			
33.00 TO	33.50	207	*						2.0	3.3			
32.50 TO	33.00	142	*					.4	3.2				
32.00 TO	32.50	469	*			2.3	2.1	6.1	1.6				
31.50 TO	32.00	914	*		5.3	5.6	3.6	8.4	.6				
31.00 TO	31.50	1426	*		23.1	2.5	7.3	3.8					
30.50 TO	31.00	557	*		1.5	10.5		.5	1.8				
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3888	0		1165	816	502	744	358	303			

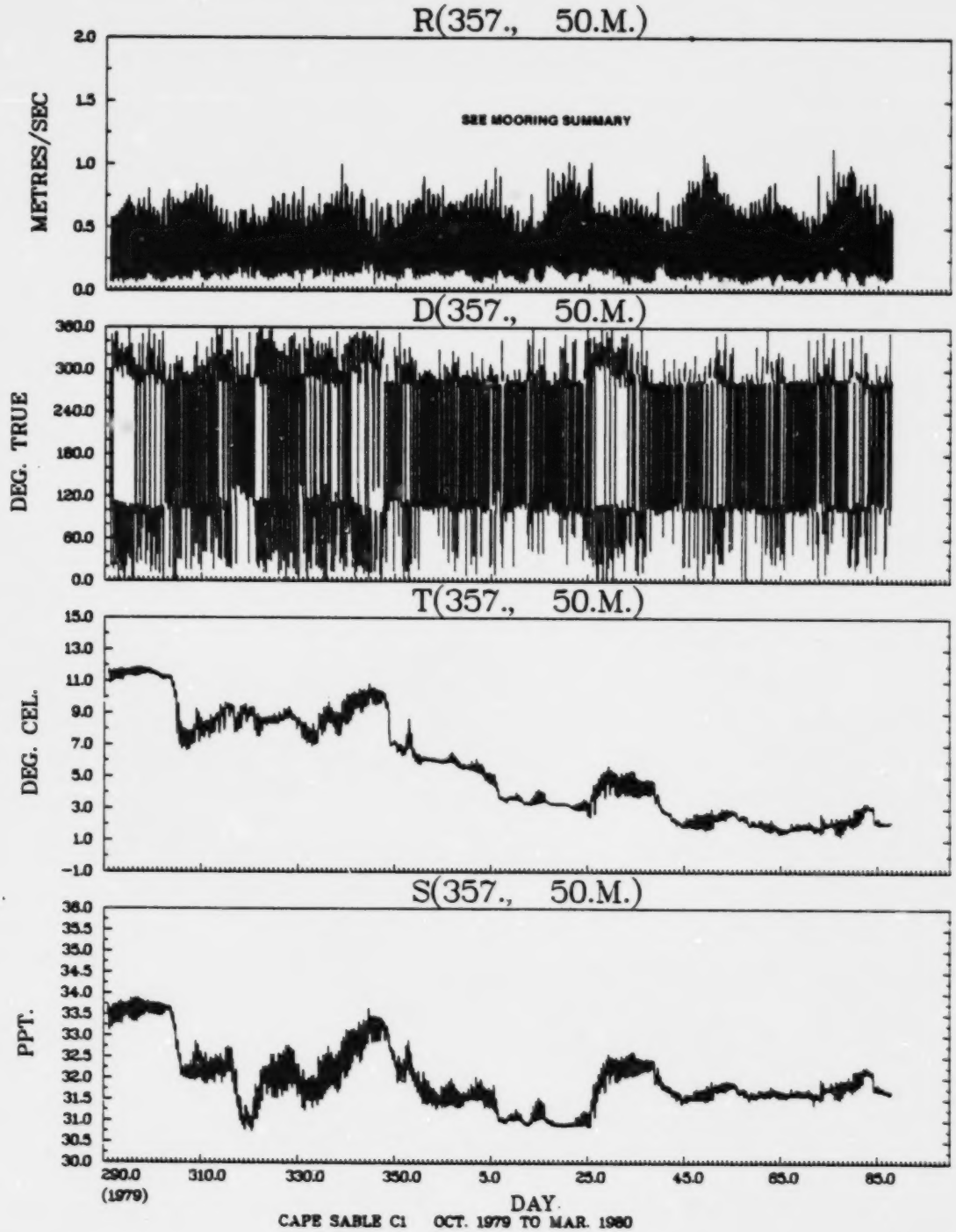
STN. 357, 50 M.

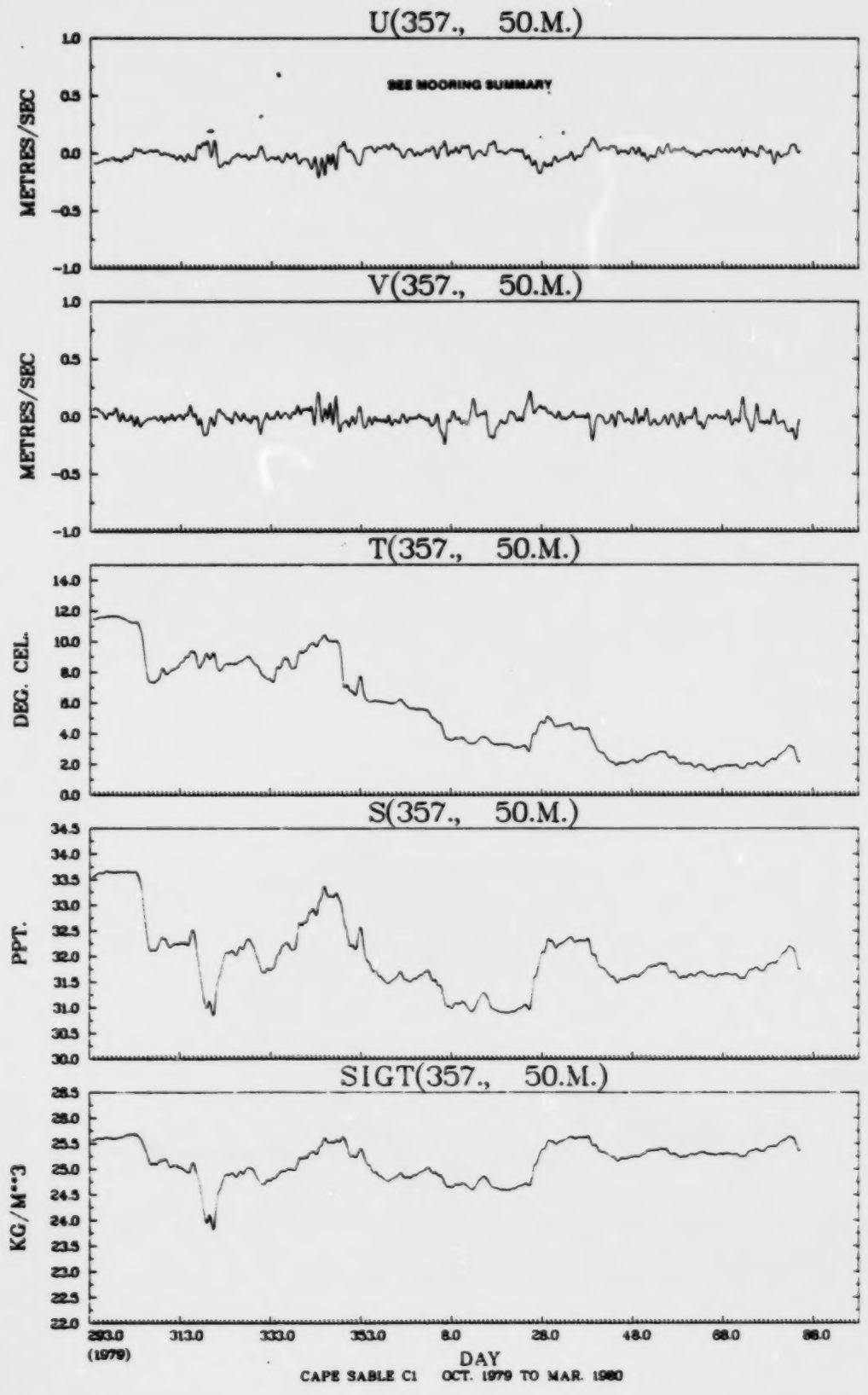


STN. 357, 50 M.



CAPE SABLE C1 OCT. 1979 TO MAR.


R(357., 50.M.)
METRES/SEC
SEE MOORING SUMMARY
2.0
1.5
1.0
0.5
0.0
D(357., 50.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(357., 50.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(357., 50.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
290.0
(1979)
310.0
330.0
350.0
5.0
25.0
45.0
65.0
85.0
DAY
CAPE SABLE C1 OCT. 1979 TO MAR. 1980


U(357., 50.M.)
SEE MOORING SUMMARY
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(357., 50.M.)
METRES/SEC
T(357., 50.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(357., 50.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(357., 50.M.)
KG/M**3
28.5
28.0
27.5
27.0
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
293.0
(1979)
313.0
333.0
353.0
8.0
28.0
48.0
68.0
88.0
DAY
CAPE SABLE C1 OCT. 1979 TO MAR. 1980

JOINT DISTRIBUTION (PERCENT)

D(357., 50.M.) VS R(357., 50.M.)

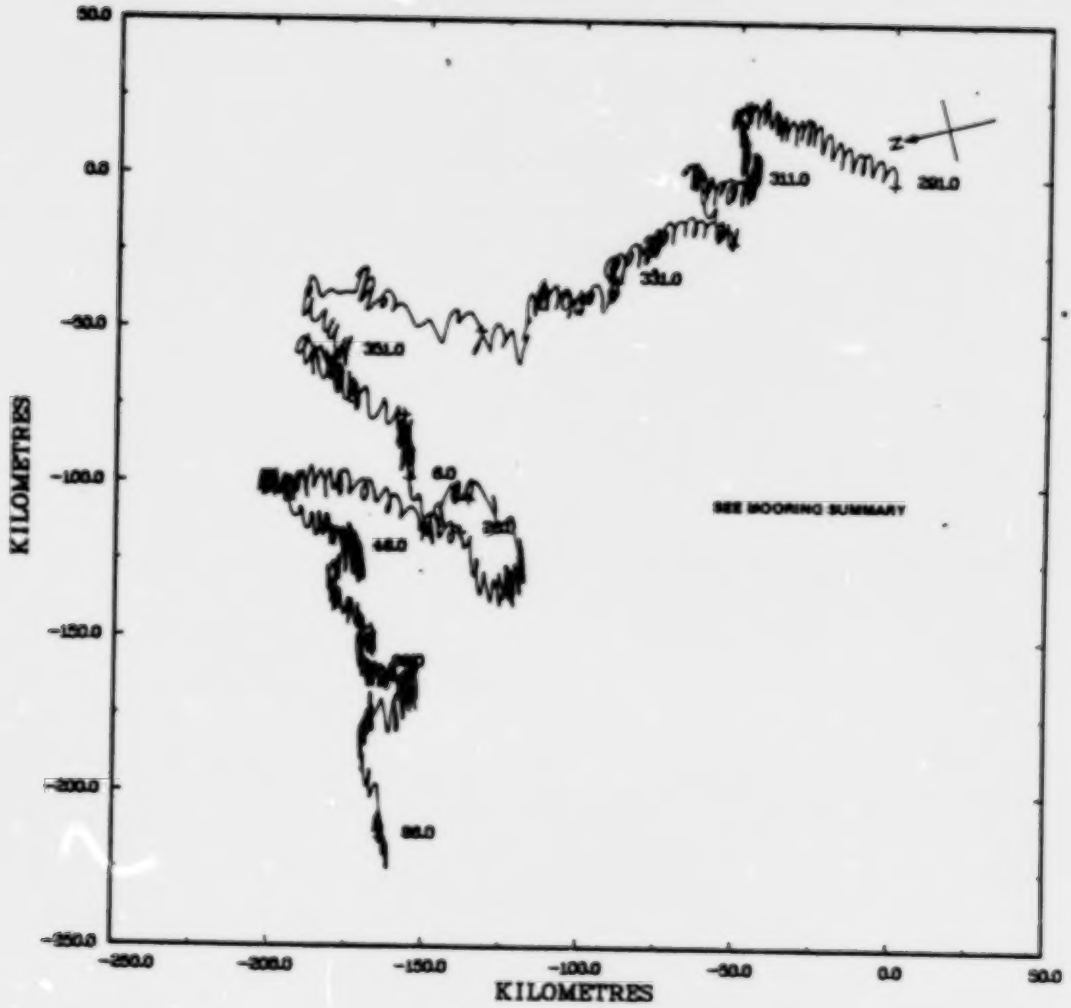
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20	1	*				.0								
1.00 TO	1.10	1	*				.0								
.90 TO	1.00	23	*				.4						.2		
.80 TO	.90	64	*				.7						1.0		
.70 TO	.80	204	*			.0	2.3						2.9		
.60 TO	.70	471	*			.2	5.5	.1				.1	6.1	.1	
.50 TO	.60	686	*			.2	7.8	.5				.1	7.5	1.7	
.40 TO	.50	709	*			.4	7.0	1.1	.0			.2	7.1	2.4	.0
.30 TO	.40	566	*		.1	.6	4.7	1.9	.1			.8	4.1	1.9	.5
.20 TO	.30	522	*	.4	.3	1.1	2.3	2.1	.6	.1	.3	1.4	2.7	1.4	.7
.10 TO	.20	493	*	.7	.5	1.3	.7	1.8	1.3	.6	1.2	1.9	.8	1.2	.6
-.00 TO	.10	147	*	.4	.4	.4	.0	.1	.4	.7	.7	.3		.1	.3
OUT OF RANGE		0	0												
SUB TOTAL		3887	0	57	49	163	1221	292	95	53	87	182	1263	343	82

JOINT DISTRIBUTION (PERCENT)

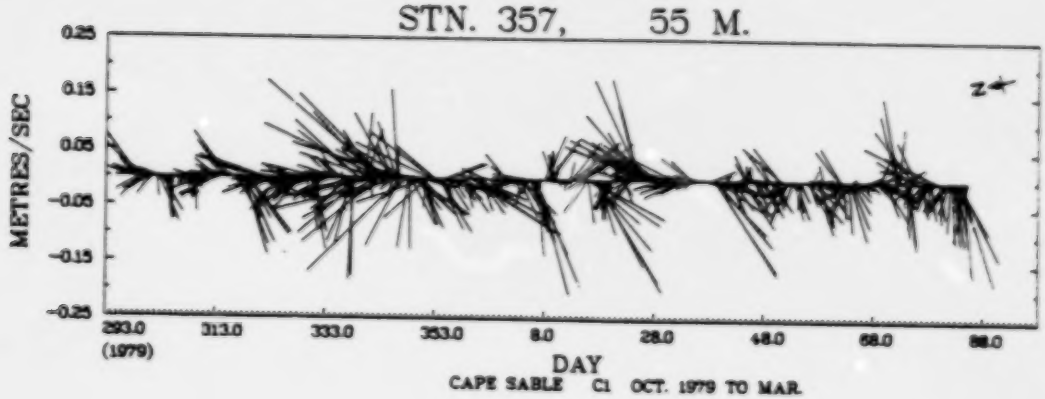
T(357., 50.M.) VS S(357., 50.M.)

PPT. DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50		*										
33.50 TO 34.00	254	*						.2	6.4			
33.00 TO 33.50	212	*					.0	3.9	1.6			
32.50 TO 33.00	243	*				.6	2.4	3.2				
32.00 TO 32.50	814	*		.5	6.8	3.1	9.0	1.5				
31.50 TO 32.00	1607	*		26.5	2.0	6.9	5.9	.1				
31.00 TO 31.50	490	*		.8	7.3	2.5	1.6	.3				
30.50 TO 31.00	267	*		1.0	5.1		.0	.8				
30.00 TO 30.50		*										
OUT OF RANGE	0	0										
SUB TOTAL	3887	0		1118	822	514	738	386	309			

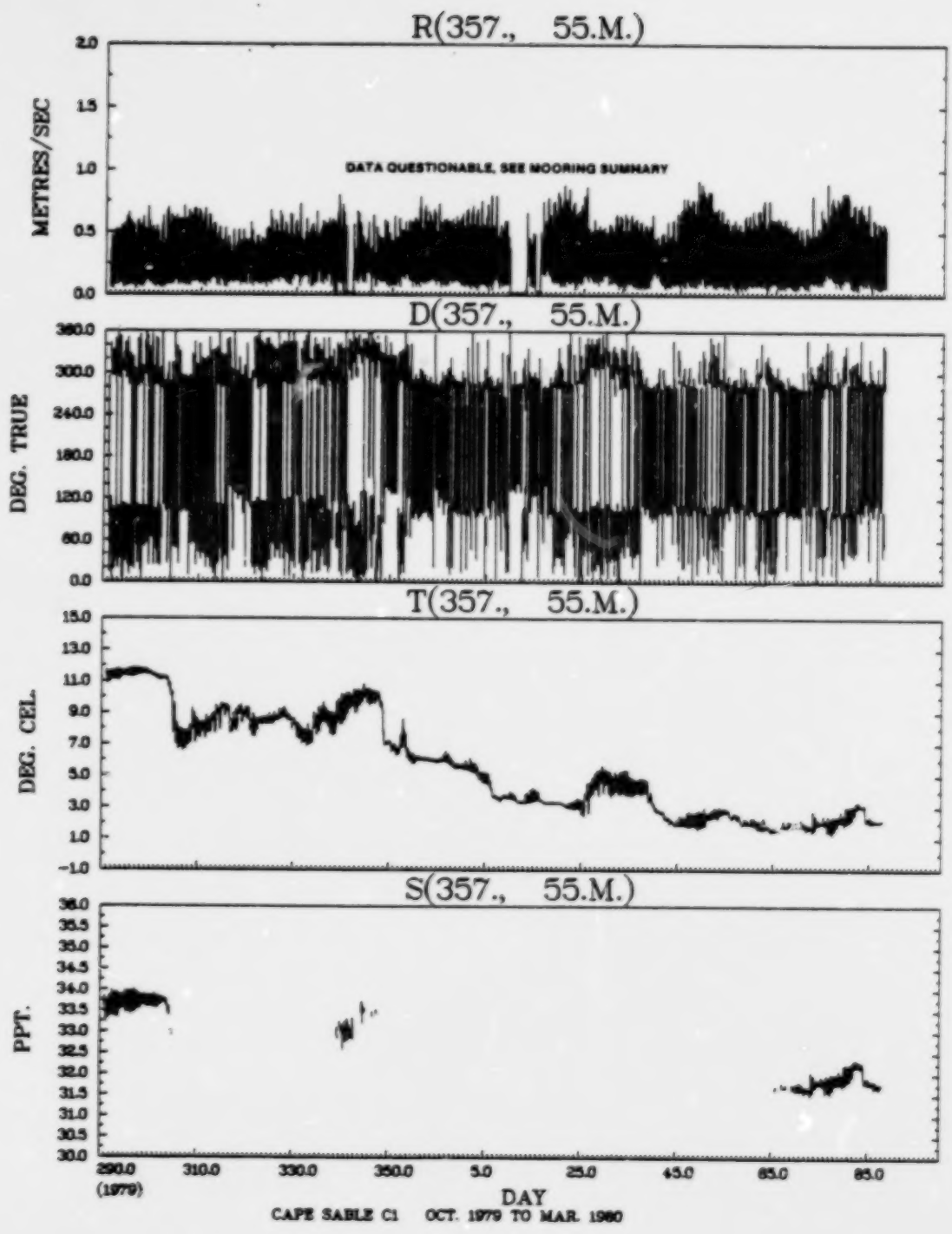
STN. 357, 55 M.



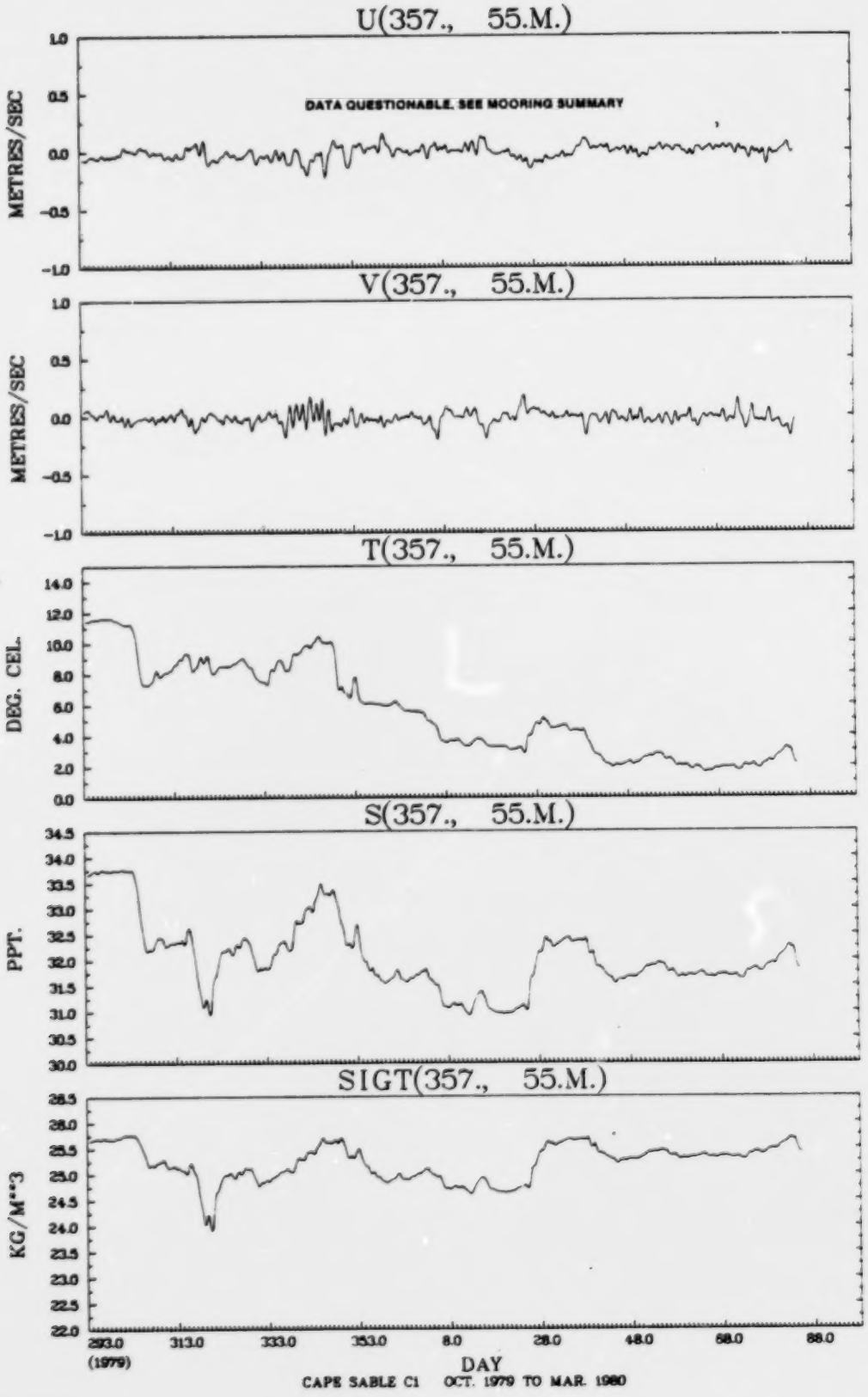
STN. 357, 55 M.



CAPE SABLE C1 OCT. 1979 TO MAR.



CAPE SABLE C1 OCT. 1979 TO MAR. 1980



CAPE SABLE C1 OCT. 1979 TO MAR. 1980

JOINT DISTRIBUTION (PERCENT)

D(357., 55.M.) VS R(357., 55.M.)

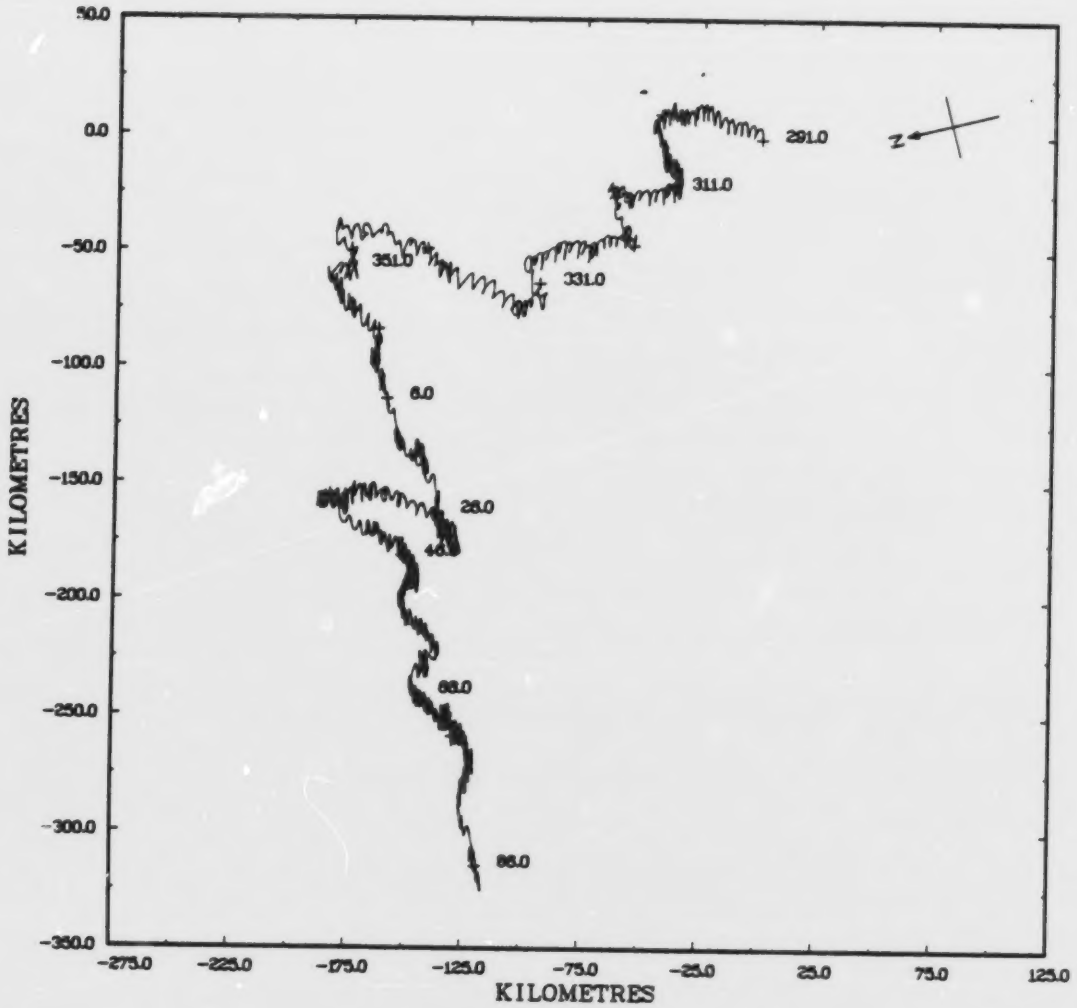
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90	11	*			.1	.2						.1		
.70 TO	.80	69	*				.9						.9		
.60 TO	.70	212	*			.1	2.2	.1				.1	3.0	.0	
.50 TO	.60	522	*			.5	5.4	.2				.1	6.9	.4	
.40 TO	.50	776	*	.1		.6	7.8	1.3		.0		.2	7.5	2.4	
.30 TO	.40	719	*	.0	.0	.7	6.3	1.7	.1		.0	.4	6.0	3.0	.2
.20 TO	.30	635	*	.2	.4	1.0	3.6	2.2	.6	.1	.1	1.2	3.7	2.3	.8
.10 TO	.20	599	*	1.0	.8	1.5	1.5	1.8	1.2	.7	1.1	1.9	1.5	1.5	.9
-.00 TO	.10	344	*	.5	.6	.5	.5	1.2	1.1	.7	.9	.6	1.2	.5	.5
OUT OF RANGE		0	0												
SUB TOTAL		3887	0	69	74	194	1099	330	114	62	82	175	1199	394	95

JOINT DISTRIBUTION (PERCENT)

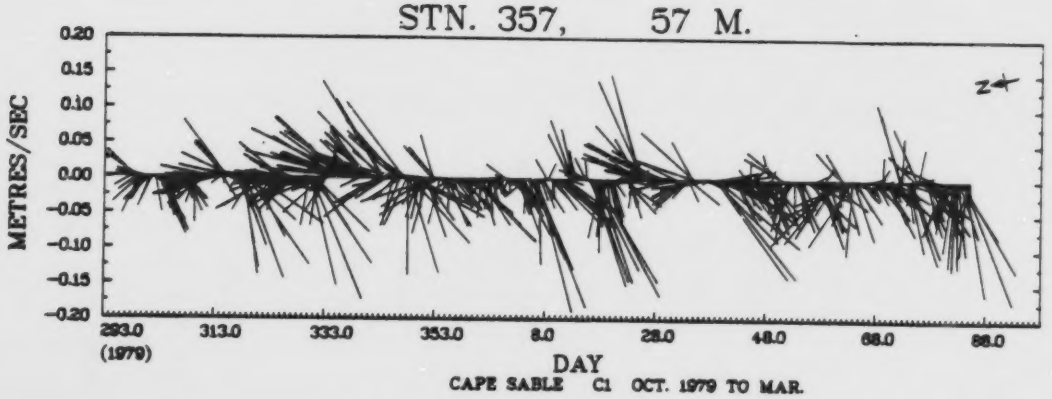
T(357., 55.M.) VS S(357., 55.M.)

PPT. DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50	1	*							.0			
33.50 TO 34.00	313	*						.7	7.3			
33.00 TO 33.50	184	*					.1	4.1	.6			
32.50 TO 33.00	345	*			.4	1.4	4.1	3.0				
32.00 TO 32.50	807	*		.9	6.7	3.4	8.7	1.0				
31.50 TO 32.00	1581	*		26.8	2.0	7.0	4.8					
31.00 TO 31.50	464	*		.4	8.3	1.6	1.3	.3				
30.50 TO 31.00	192	*		.8	3.6			.6				
30.00 TO 30.50		*										
OUT OF RANGE	0	0										
SUB TOTAL	3887	0		1122	817	524	738	378	308			

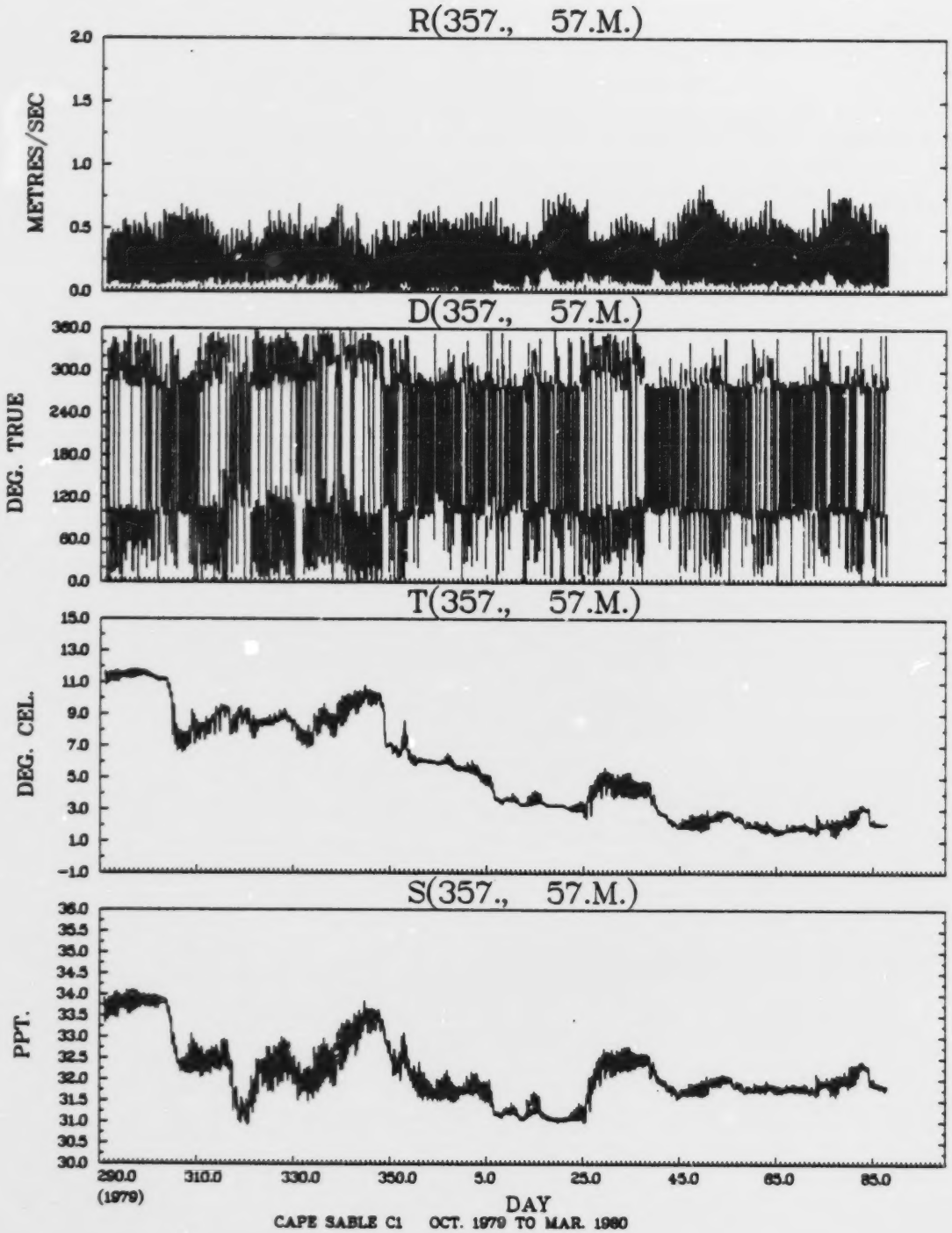
STN. 357, 57 M.

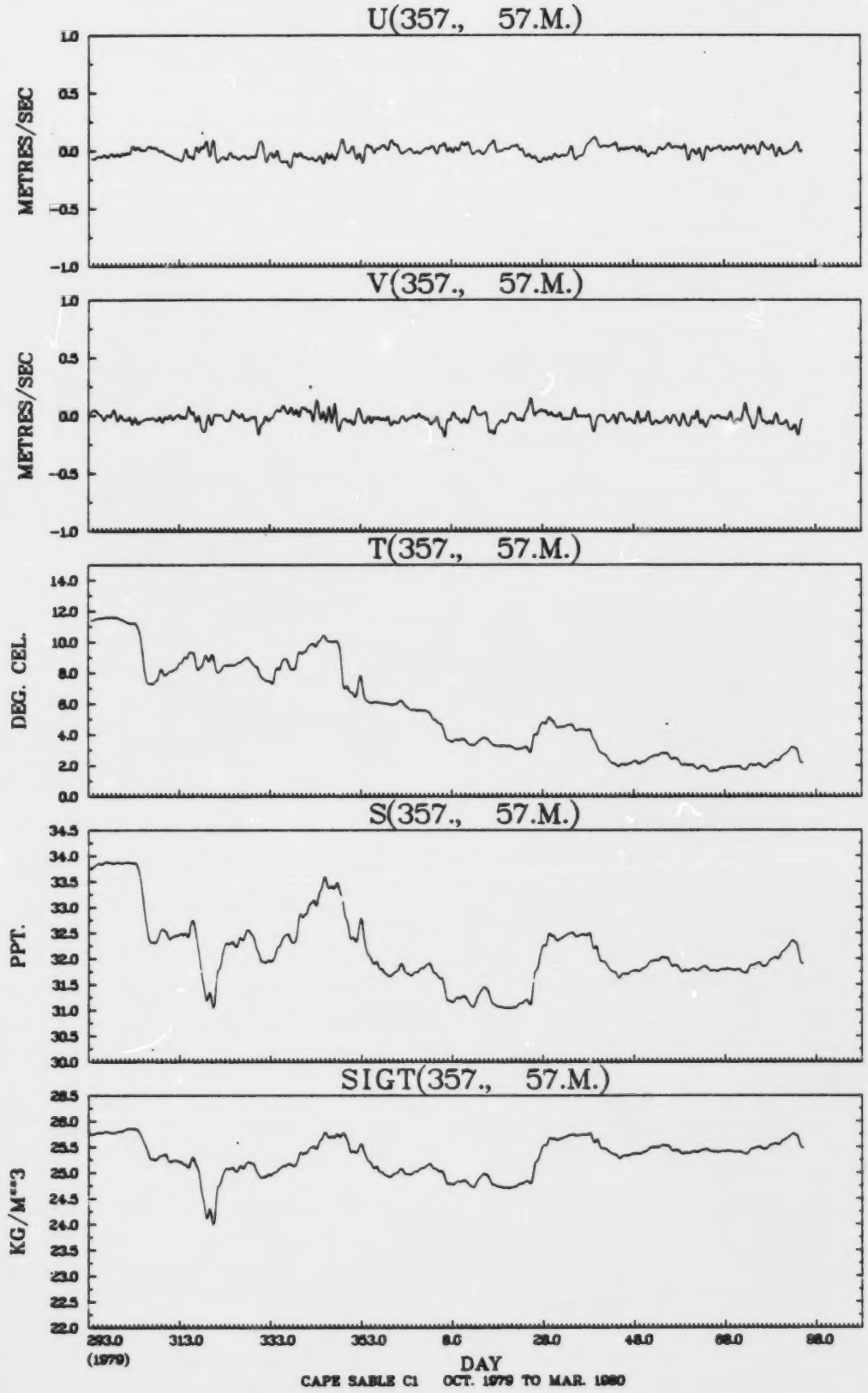


STN. 357, 57 M.



CAPE SABLE C1 OCT. 1979 TO MAR.


R(357., 57.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(357., 57.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(357., 57.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(357., 57.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
290.0
(1979)
310.0
330.0
350.0
5.0
25.0
45.0
65.0
85.0
DAY
CAPE SABLE C1 OCT. 1979 TO MAR. 1980


U(357., 57.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(357., 57.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(357., 57.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(357., 57.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(357., 57.M.)
KG/M**3
28.5
28.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
293.0
(1979)
313.0
333.0
353.0
8.0
28.0
48.0
68.0
88.0
DAY
CAPE SABLE C1 OCT. 1979 TO MAR. 1980

JOINT DISTRIBUTION (PERCENT)

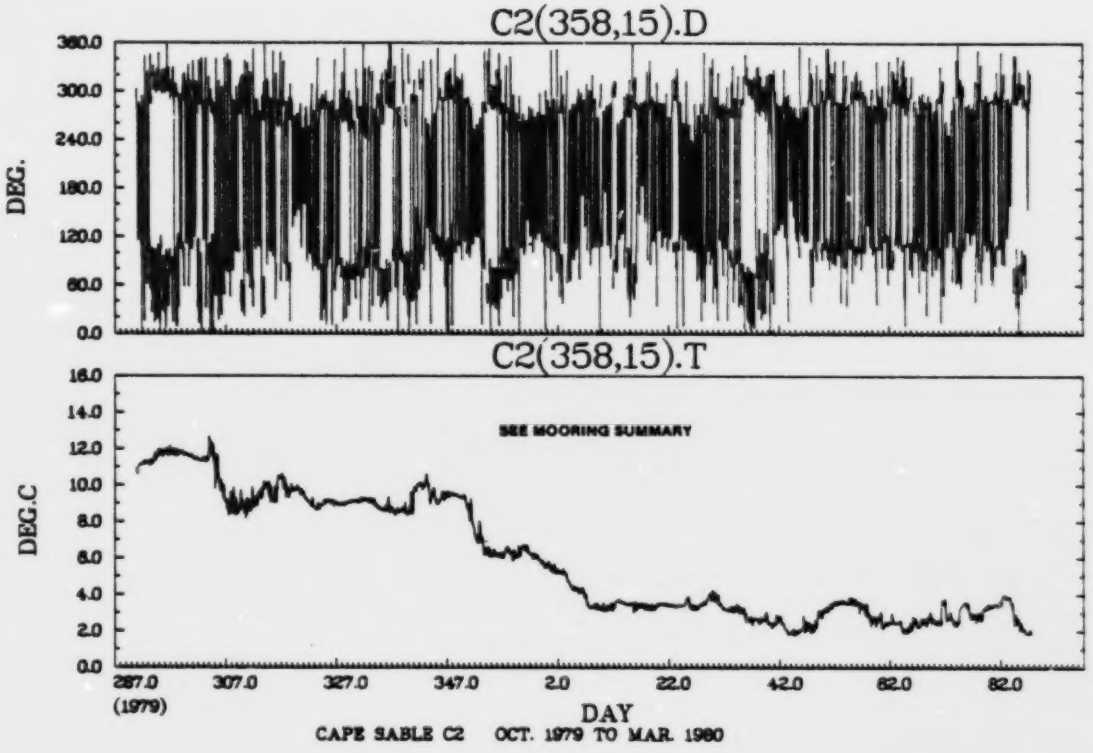
D(357., 57.M.) VS R(357., 57.M.)

DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90	1	*										.0		
.70 TO	.80	32	*				.3						.5		
.60 TO	.70	122	*				1.0					.1	2.1		
.50 TO	.60	358	*			.1	2.9	.0				.1	5.9	.2	.0
.40 TO	.50	700	*			.4	7.8	.2				.2	8.3	.9	.1
.30 TO	.40	850	*		.0	.8	9.8	.8	.1			.6	7.3	2.2	.2
.20 TO	.30	753	*	.2	.1	1.6	5.6	2.0	.4	.1	.1	1.7	4.2	2.7	.7
.10 TO	.20	731	*	.7	.9	2.4	2.7	2.3	.6	.6	.7	2.1	2.3	2.0	1.5
-.00 TO	.10	339	*	.7	1.0	.8	.3	.8	.8	.8	.7	.9	.5	.7	.7
OUT OF RANGE		0	0												
SUB TOTAL		3846	0	61	78	243	1182	239	74	59	60	220	1205	336	129

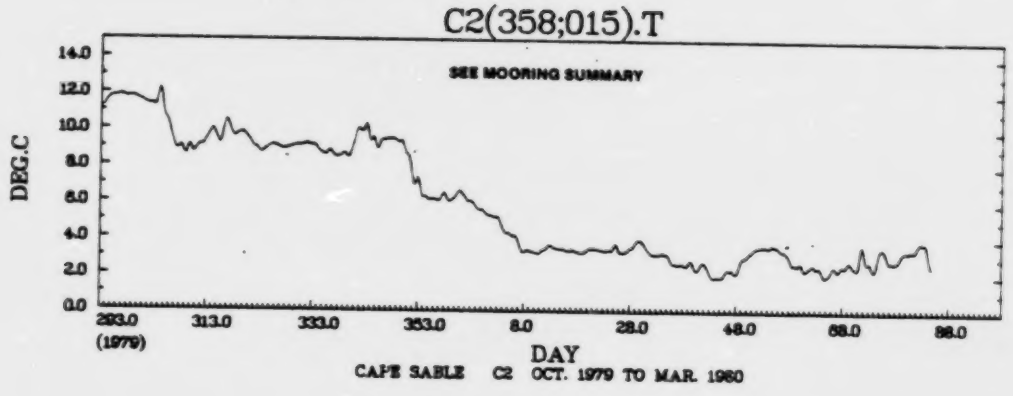
JOINT DISTRIBUTION (PERCENT)

T(357., 57.M.) VS S(357., 57.M.)

PPT.	DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50	29	*							.7			
33.50 TO	34.00	336	*						1.6	7.1			
33.00 TO	33.50	166	*					.3	3.9	.1			
32.50 TO	33.00	442	*			1.3	1.8	5.5	2.8				
32.00 TO	32.50	906	*		3.8	6.6	3.8	8.5	.6				
31.50 TO	32.00	1473	*		24.1	2.3	7.6	4.0					
31.00 TO	31.50	524	*		1.1	10.8	.2	.8	.6				
30.50 TO	31.00	10	*		.1				.2				
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3886	0		1124	817	519	741	378	307			



CAPE SABLE C2 OCT. 1979 TO MAR. 1980

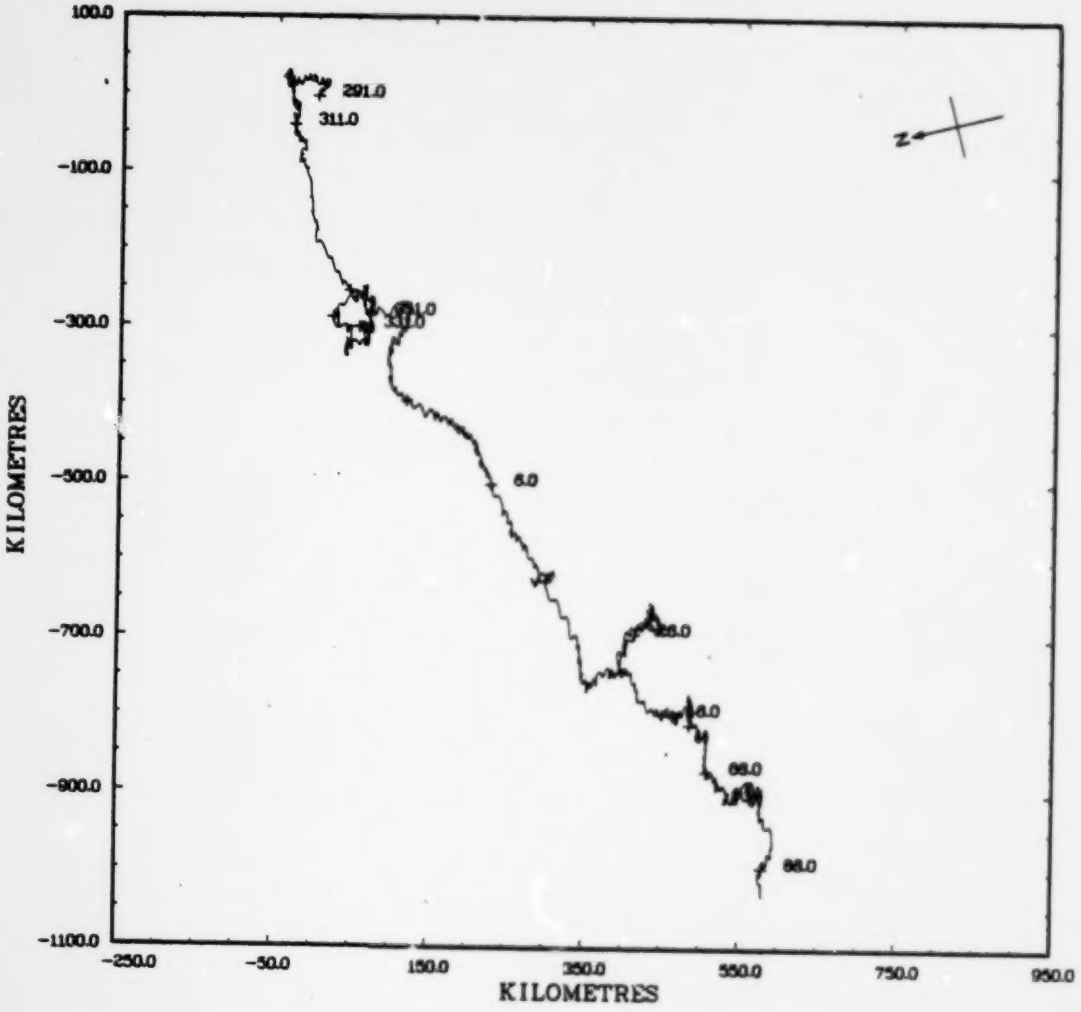

C2(358;015).T
SEE MOORING SUMMARY
DEG.C
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
293.0
(1979)
313.0
333.0
353.0
8.0
28.0
48.0
68.0
88.0
DAY
CAPE SABLE C2 OCT. 1979 TO MAR. 1980

HISTOGRAM OF C2(358;015).T DEG.C

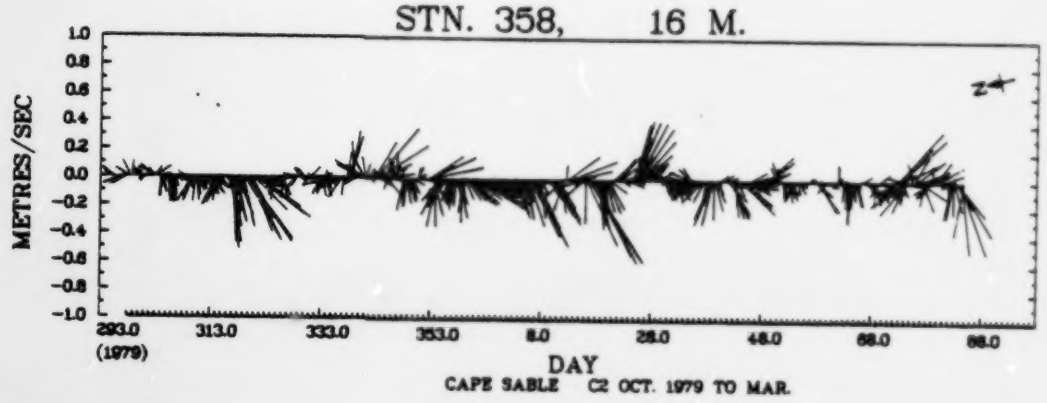
BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
-2.00	-1.50	0	0.0	
-1.50	-1.00	0	0.0	
-1.00	-.50	0	0.0	
-.50	0.00	0	0.0	
0.00	.50	0	0.0	
.50	1.00	0	0.0	
1.00	1.50	0	0.0	
1.50	2.00	93	2.4	##########
2.00	2.50	366	9.4	##
2.50	3.00	379	9.8	###
3.00	3.50	719	18.5	###
3.50	4.00	365	9.4	##
4.00	4.50	79	2.0	#########
4.50	5.00	15	.4	##
5.00	5.50	75	1.9	#########
5.50	6.00	63	1.6	########
6.00	6.50	179	4.6	########################
6.50	7.00	56	1.4	########
7.00	7.50	21	.5	###
7.50	8.00	14	.4	##
8.00	8.50	50	1.3	########
8.50	9.00	305	7.9	##
9.00	9.50	425	11.0	##
9.50	10.00	233	6.0	################################
10.00	10.50	81	2.1	##########
10.50	11.00	28	.7	####
11.00	11.50	136	3.5	##################
11.50	12.00	179	4.6	########################
12.00	12.50	16	.4	##
12.50	13.00	4	.1	#
13.00	13.50	0	0.0	
13.50	14.00	0	0.0	
14.00	14.50	0	0.0	
14.50	15.00	0	0.0	
15.00	15.50	0	0.0	
15.50	16.00	0	0.0	
16.00	16.50	0	0.0	
16.50	17.00	0	0.0	
17.00	17.50	0	0.0	
17.50	18.00	0	0.0	
18.00	18.50	0	0.0	
18.50	19.00	0	0.0	
19.00	19.50	0	0.0	
19.50	20.00	0	0.0	

TOTAL NO. OF SAMPLES 3881
OUTSIDE RANGE 0

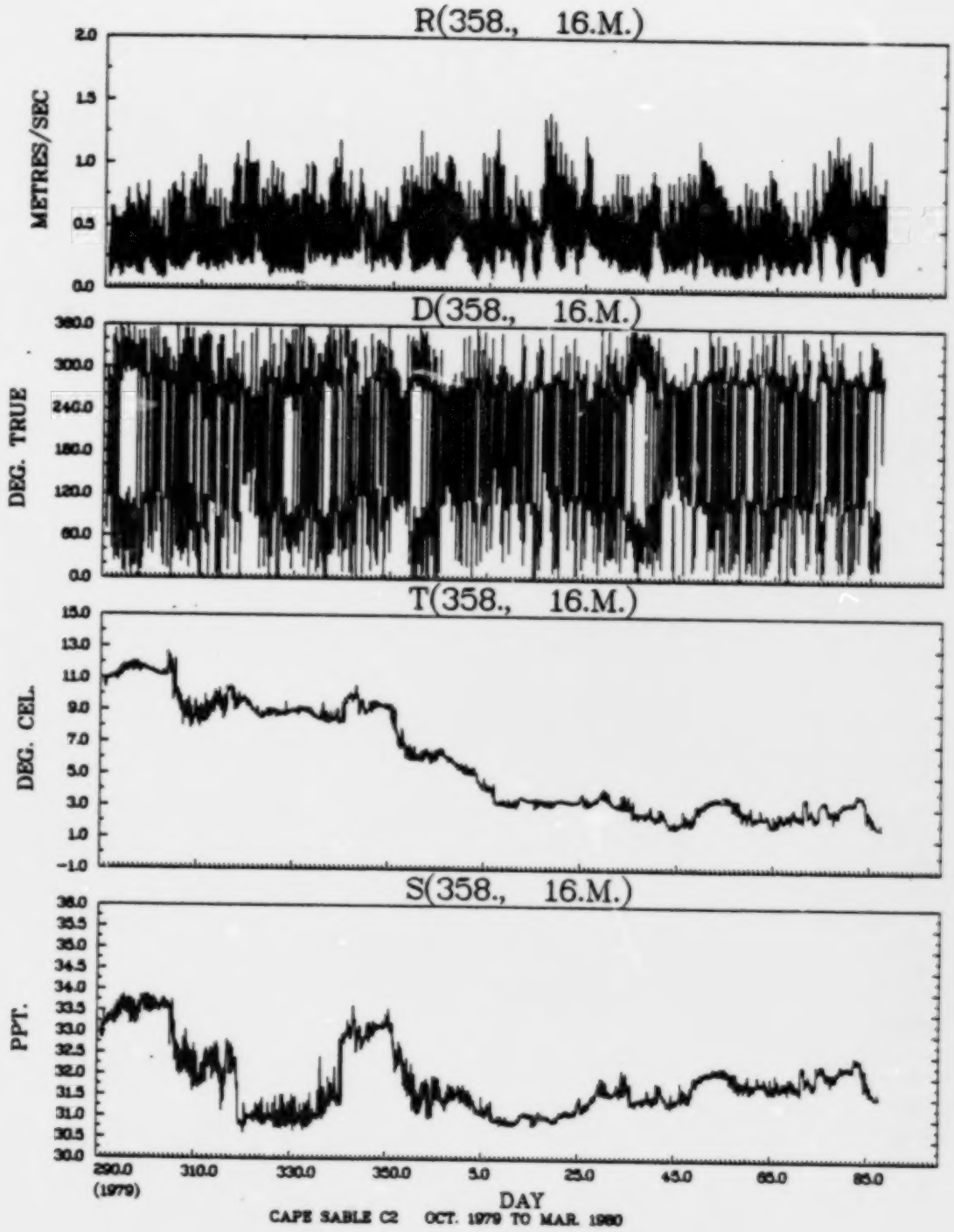
STN. 358, 16 M.

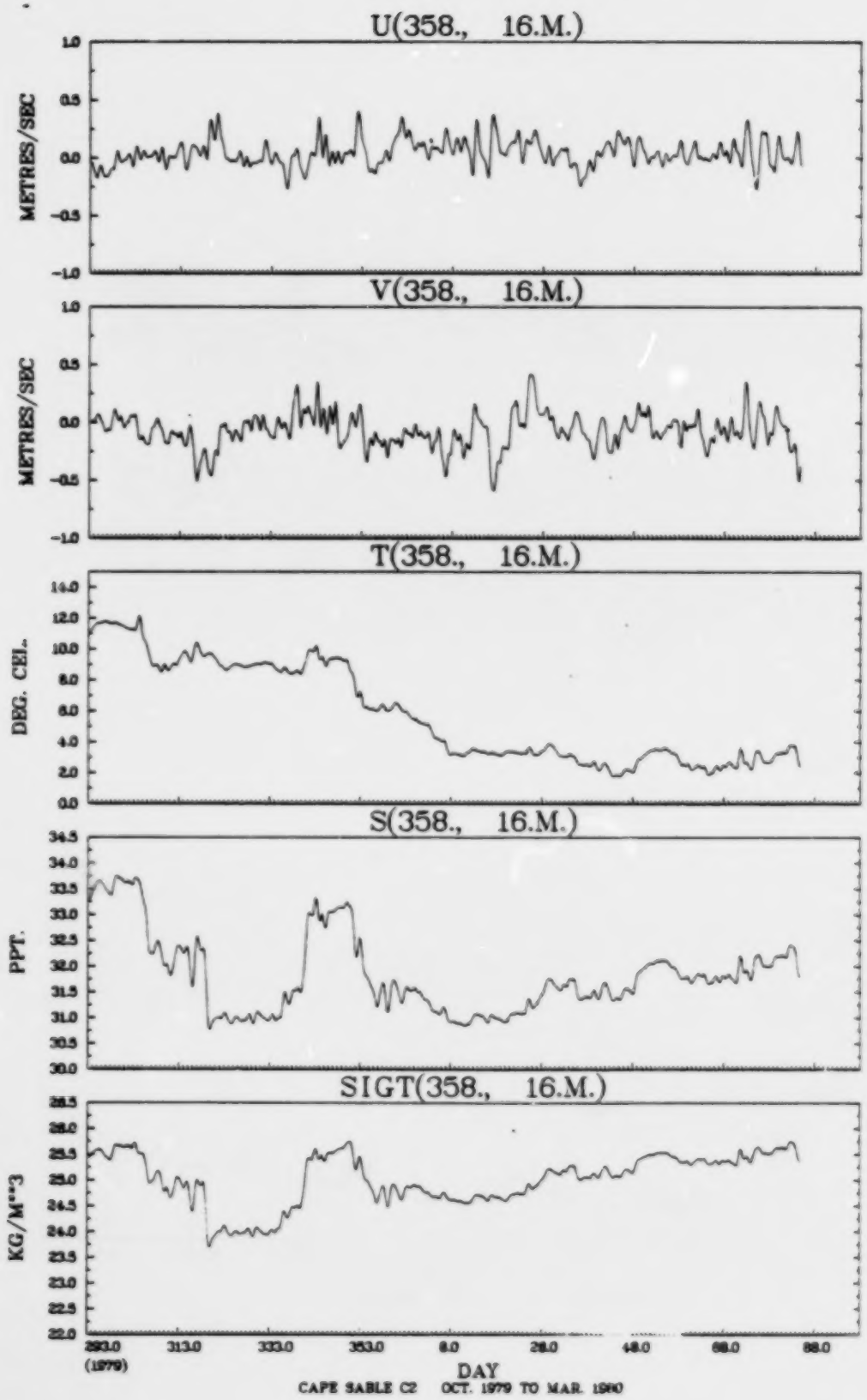


STN. 358, 16 M.



CAPE SABLE C2 OCT. 1979 TO MAR.


R(358., 16.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(358., 16.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(358., 16.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(358., 16.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
290.0
(1979)
310.0
330.0
350.0
5.0
25.0
45.0
65.0
85.0
DAY
CAPE SABLE C2 OCT. 1979 TO MAR. 1980


U(358., 16.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(358., 16.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(358., 16.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(358., 16.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(358., 16.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
293.0
(1979)
313.0
333.0
353.0
8.0
28.0
48.0
68.0
88.0
DAY
CAPE SABLE C2 OCT. 1979 TO MAR. 1980

JOINT DISTRIBUTION (PERCENT)

D(358., 16.M.) VS R(358., 16.M.)

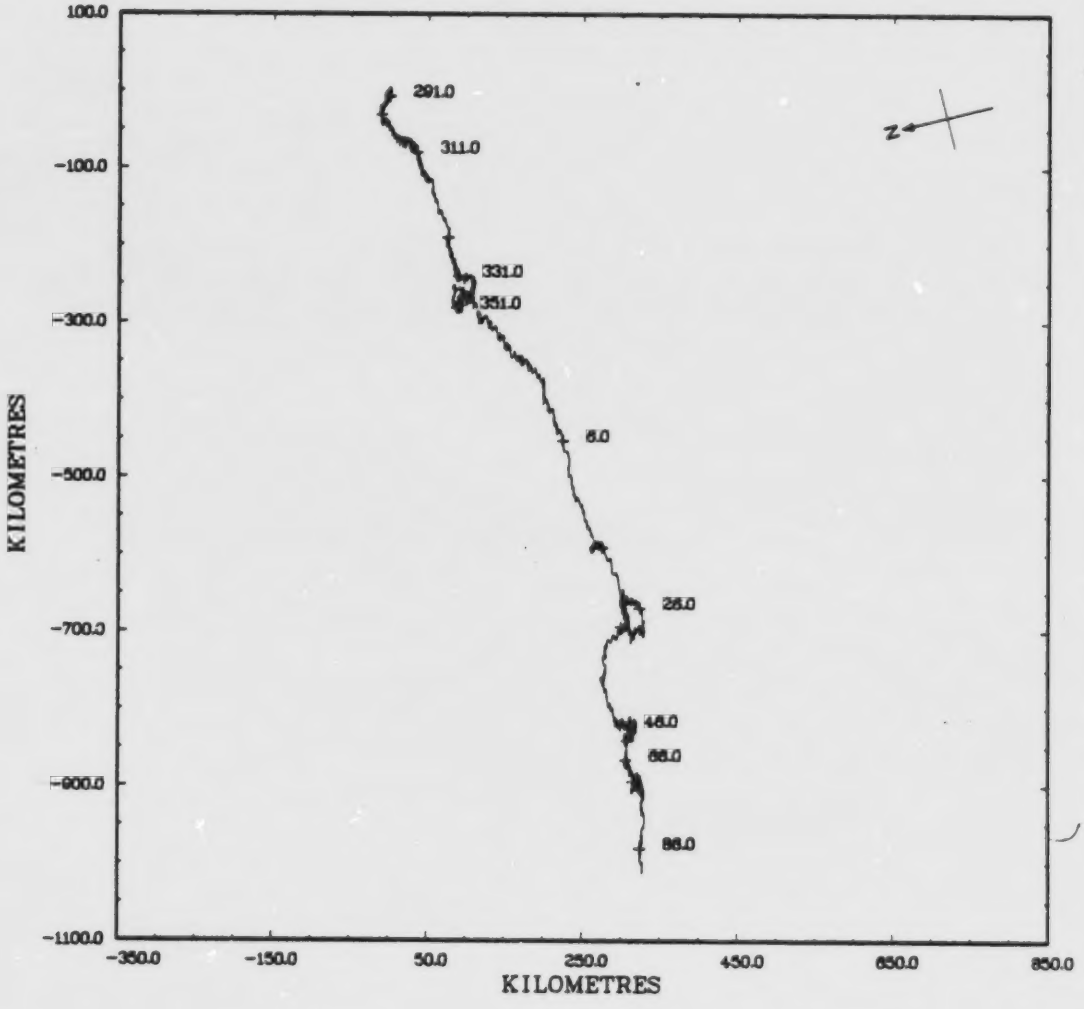
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40	4	*									.0	.1		
1.20 TO	1.30	6	*										.2		
1.10 TO	1.20	21	*				.2					.1	.3		
1.00 TO	1.10	41	*				.3	.1				.1	.6		
.90 TO	1.00	91	*				.6	.1				.5	1.2		
.80 TO	.90	146	*			.0	.6	.2				.6	2.3	.1	
.70 TO	.80	272	*			.3	1.3	.7			.1	1.0	3.7	.1	
.60 TO	.70	425	*		.1	1.0	2.5	1.1	.1		.0	1.5	4.4	.2	
.50 TO	.60	586	*		.0	.9	3.6	1.8	.3	.1	.3	2.3	5.1	.6	
.40 TO	.50	700	*	.1	.2	1.8	4.5	1.9	.5	.3	.6	2.3	4.7	1.1	.1
.30 TO	.40	640	*	.2	.6	1.6	3.3	1.8	.7	.5	.8	1.8	3.5	1.5	.3
.20 TO	.30	592	*	.7	.9	1.6	1.5	1.6	1.1	1.0	1.3	1.6	1.4	1.7	.8
.10 TO	.20	305	*	.6	.9	.8	.3	.7	.8	1.1	.5	.4	.4	.6	.7
-.00 TO	.10	54	*	.2	.1	.0	.1	.1	.2	.3	.1	.1	.0		.2
OUT OF RANGE		0	0												
SUB TOTAL		3883	0	71	107	311	727	385	148	123	145	480	1080	224	82

JOINT DISTRIBUTION (PERCENT)

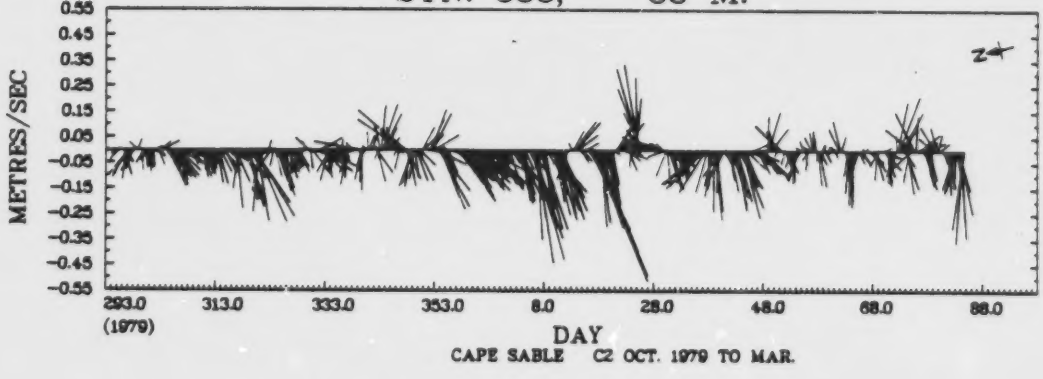
T(358., 16.M.) VS S(358., 16.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00	211	*						.1	5.3			
33.00 TO	33.50	314	*					.6	4.6	2.9			
32.50 TO	33.00	160	*					1.0	3.1				
32.00 TO	32.50	618	*		1.1	8.7	.8	2.1	3.3				
31.50 TO	32.00	1102	*		16.2	4.8	4.4	1.7	1.3				
31.00 TO	31.50	1003	*		5.7	9.6	4.5	4.2	1.8				
30.50 TO	31.00	475	*		.1	5.7	.1	3.5	2.9				
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3883	0		900	1117	381	504	661	320			

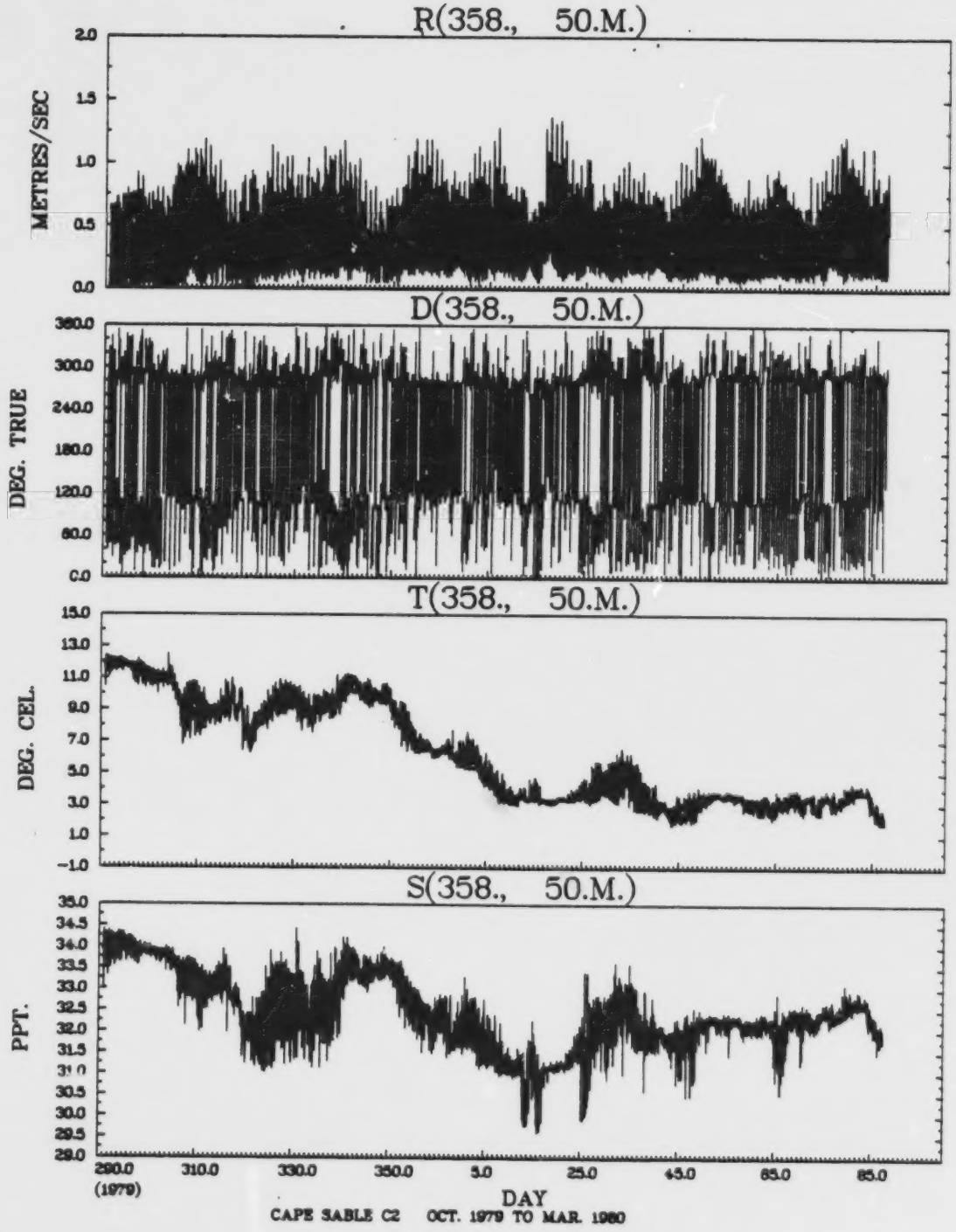
STN. 358, 50 M.

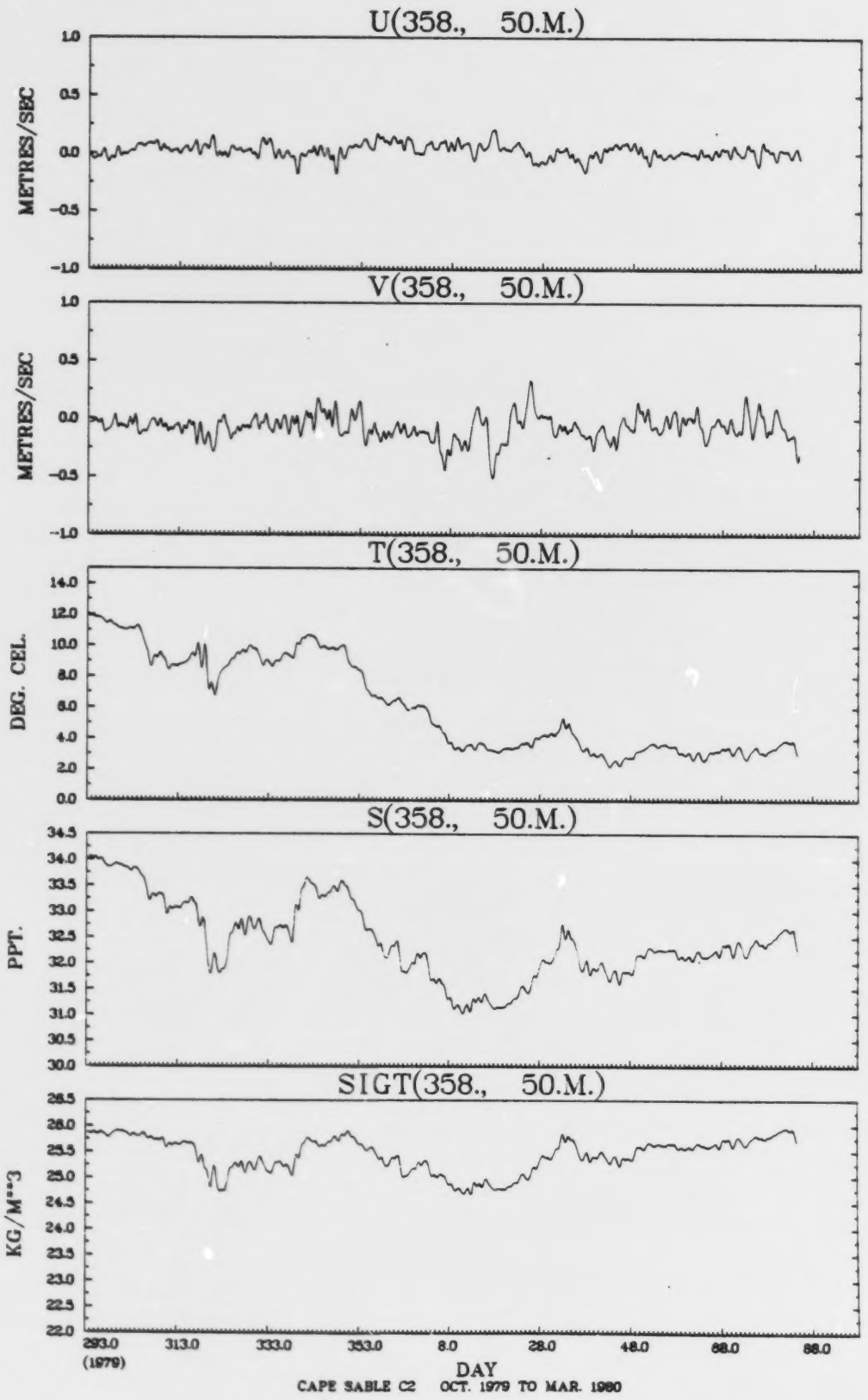


STN. 358, 50 M.



CAPE SABLE C2 OCT. 1979 TO MAR.


R(358., 50.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(358., 50.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(358., 50.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(358., 50.M.)
PPT.
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
290.0
(1979)
310.0
330.0
350.0
5.0
25.0
45.0
65.0
85.0
DAY
CAPE SABLE C2 OCT. 1979 TO MAR. 1980


U(358., 50.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(358., 50.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(358., 50.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(358., 50.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(358., 50.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
293.0
(1979)
313.0
333.0
353.0
8.0
28.0
48.0
68.0
88.0
DAY
CAPE SABLE C2 OCT. 1979 TO MAR. 1980

JOINT DISTRIBUTION (PERCENT)

D(350., 50.M.) VS R(350., 50.M.)

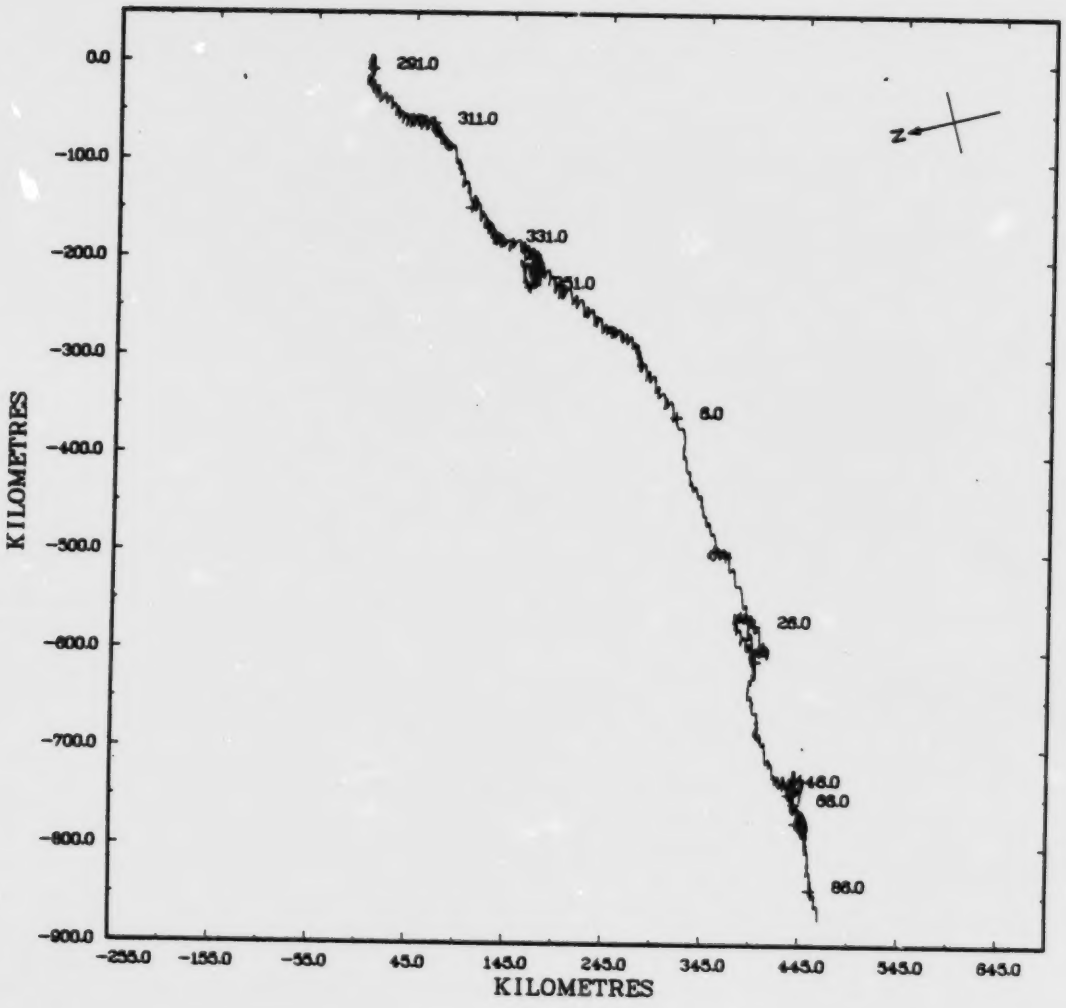
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40	2	*										.1		
1.20 TO	1.30	6	*									.0	.1		
1.10 TO	1.20	19	*									.0	.5		
1.00 TO	1.10	47	*				.3					.0	.9		
.90 TO	1.00	109	*				.7					.1	2.0		
.80 TO	.90	193	*			.1	1.2	.1				.1	3.6		
.70 TO	.80	312	*			.0	2.6	.2				.2	5.1	.1	
.60 TO	.70	471	*			.1	4.5	.7				.3	6.5	.1	
.50 TO	.60	511	*			.3	5.2	1.1				.5	6.0	.1	
.40 TO	.50	505	*			.5	4.9	1.4	.0			.8	4.9	.4	
.30 TO	.40	512	*			.6	3.9	2.4	.1	.0	.1	1.5	3.7	.9	.0
.20 TO	.30	514	*	.2	.4	1.2	2.9	1.5	.6	.2	.6	1.6	2.6	1.3	.1
.10 TO	.20	476	*	.5	.5	1.0	1.3	1.5	1.2	.9	.9	1.3	1.1	1.2	.7
-.00 TO	.10	205	*	.6	.6	.5	.1	.3	.5	.5	.5	.5	.2	.2	.7
OUT OF RANGE		0	0												
SUB TOTAL		3882	0	48	58	168	1068	355	96	63	82	266	1448	171	59

JOINT DISTRIBUTION (PERCENT)

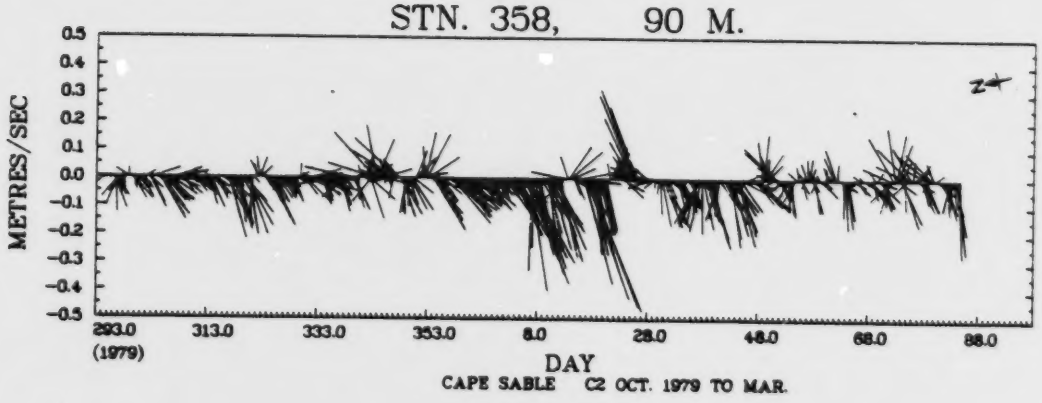
T(358., 50.M.) VS S(358., 50.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
34.50 TO	35.00		*										
34.00 TO	34.50	95	*						.0	2.4			
33.50 TO	34.00	403	*					.1	4.8	5.4			
33.00 TO	33.50	502	*				.1	3.8	9.0				
32.50 TO	33.00	557	*			3.9	2.5	3.5	4.5				
32.00 TO	32.50	1235	*		5.0	18.0	5.0	2.3	1.5				
31.50 TO	32.00	616	*		6.3	4.8	2.8	1.9	.1				
31.00 TO	31.50	451	*		.3	11.0	.1	.1	.0				
30.50 TO	31.00	23	*		.0	.6							
30.00 TO	30.50		*										
29.50 TO	30.00		*										
29.00 TO	29.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3882	0		454	1486	412	450	775	305			

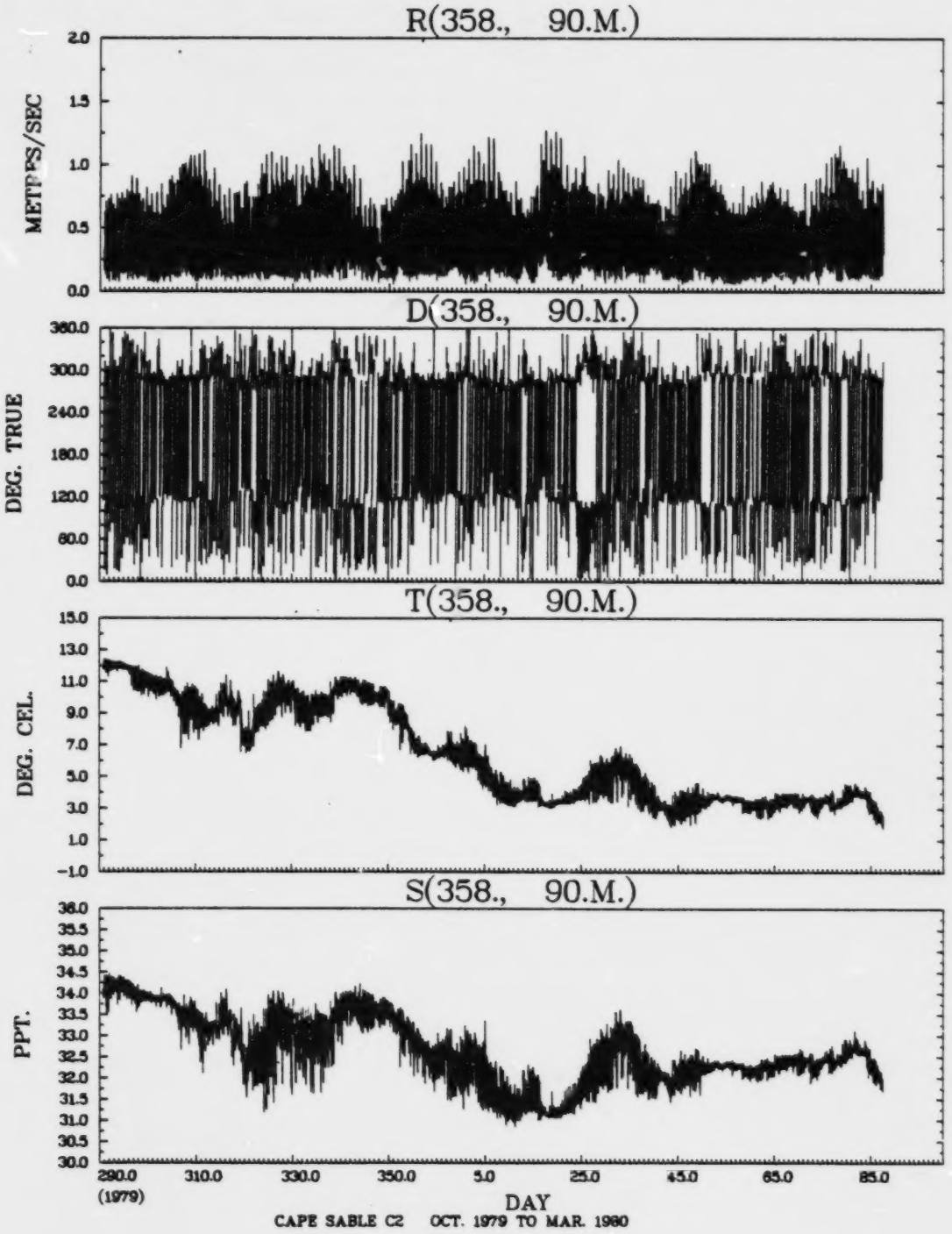
STN. 358, 90 M.

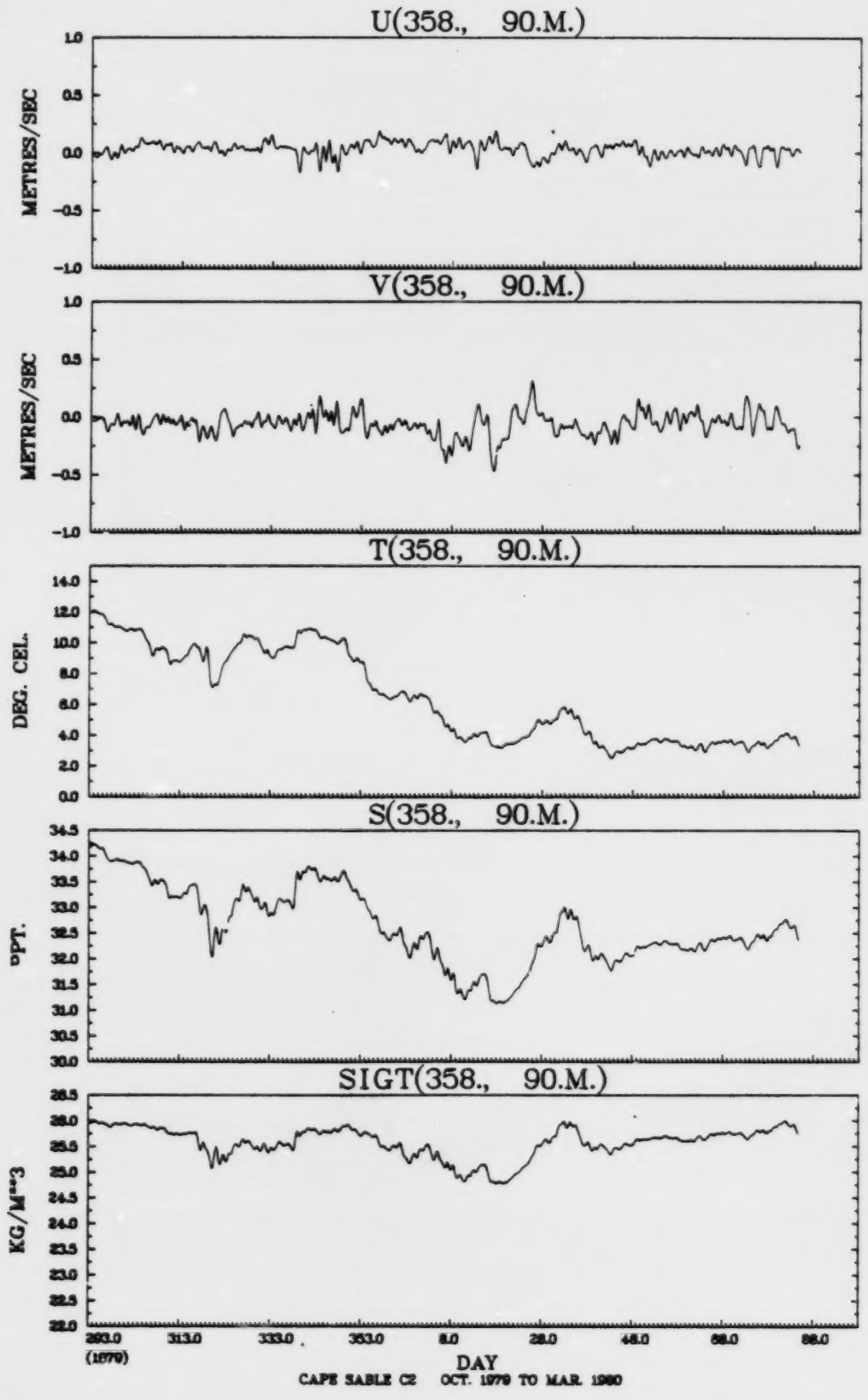


STN. 358, 90 M.



CAPE SABLE C2 OCT. 1979 TO MAR.


R(358., 90.M.)
METERS/SEC
2.0
1.5
1.0
0.5
0.0
D(358., 90.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(358., 90.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(358., 90.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
280.0
(1979)
310.0
330.0
350.0
5.0
25.0
45.0
65.0
85.0
DAY
CAPE SABLE C2 OCT. 1979 TO MAR. 1980


U(358., 90.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(358., 90.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(358., 90.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(358., 90.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(358., 90.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
293.0
(1979)
313.0
333.0
353.0
8.0
28.0
48.0
68.0
88.0
DAY
CAPE SABLE C2 OCT. 1979 TO MAR. 1980

JOINT DISTRIBUTION (PERCENT)

D(358., 90.M.) Vs R(358., 90.M.)

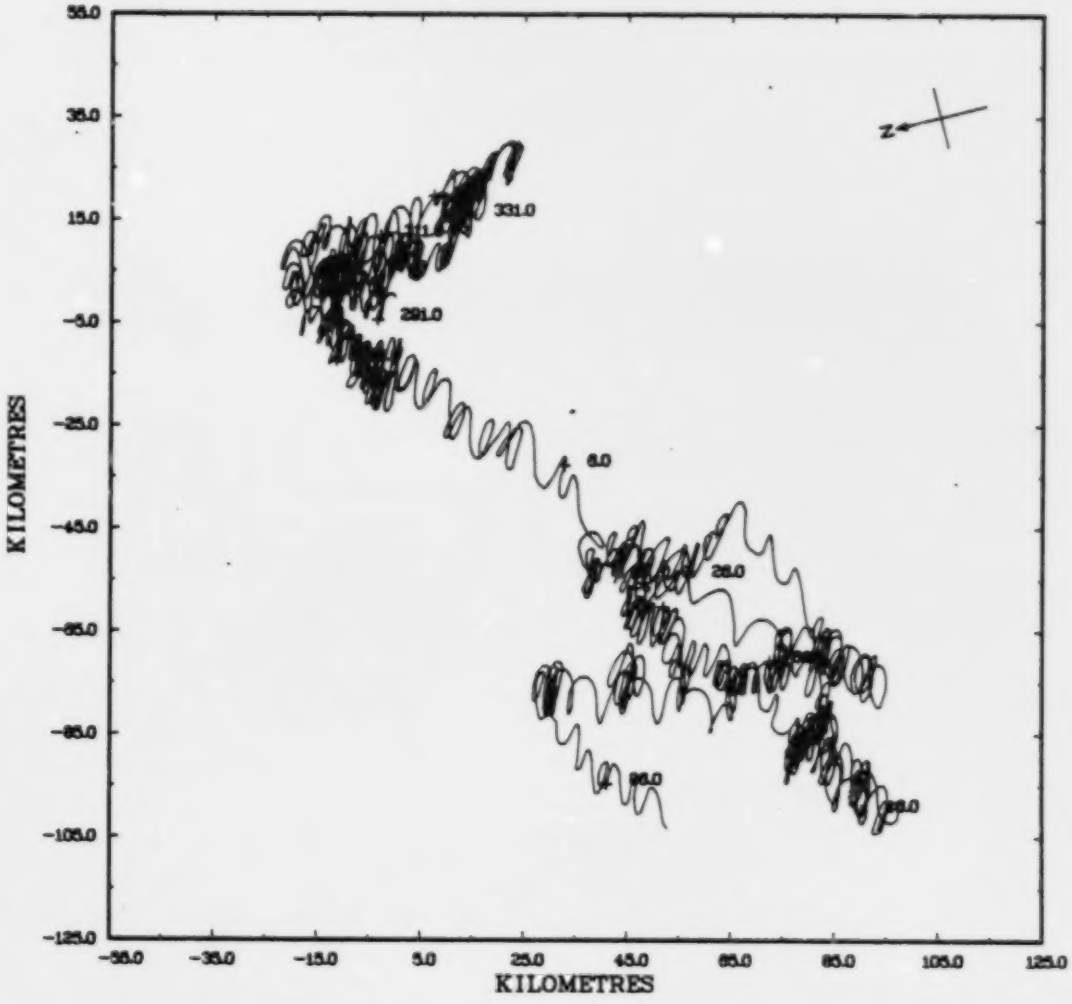
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30	3	*										.1		
1.10 TO	1.20	16	*										.4		
1.00 TO	1.10	39	*				.1						.9		
.90 TO	1.00	92	*				.6	.1					1.6	.0	
.80 TO	.90	209	*				1.4	.5					3.4	.1	
.70 TO	.80	374	*				2.4	1.4				.0	5.4	.4	
.60 TO	.70	503	*				3.7	2.0				.1	6.5	.6	
.50 TO	.60	508	*			.2	3.9	2.4				.3	5.8	.6	
.40 TO	.50	512	*			.2	3.6	2.8	.3			.7	4.7	.9	
.30 TO	.40	513	*		.1	.2	3.0	2.8	.7	.1	.2	.8	3.7	1.6	.2
.20 TO	.30	524	*	.2	.2	.7	2.2	2.5	1.0	.4	.6	1.8	2.0	1.5	.3
.10 TO	.20	449	*	.6	.6	1.0	.9	1.3	1.1	1.0	1.2	1.3	.7	1.0	.8
-.00 TO	.10	141	*	.6	.4	.3	.1	.1	.5	.5	.4	.2	.1	.2	.3
OUT OF RANGE		0	0												
SUB TOTAL		3883	0	52	53	103	852	815	138	78	92	203	1369	267	61

JOINT DISTRIBUTION (PERCENT)

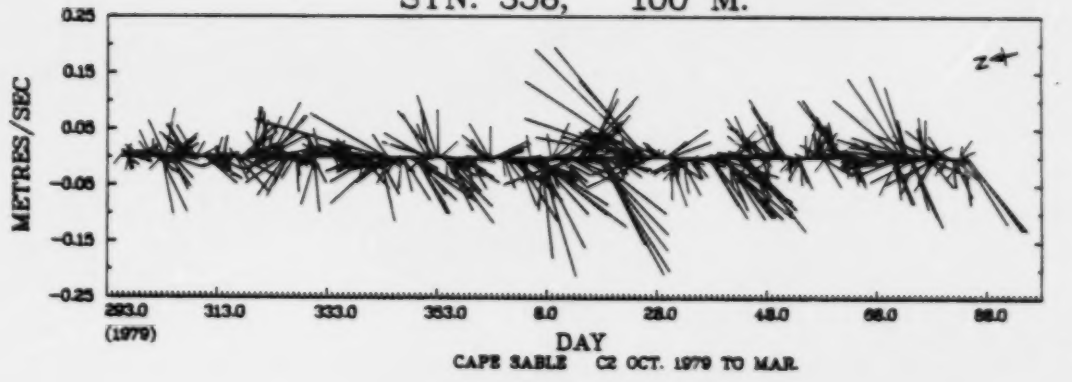
T(358., 90.M.) VS S(358., 90.M.)

DEG. CEL. PPT.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50	152	*							3.9			
33.50 TO 34.00	568	*					.3	11.2	3.2			
33.00 TO 33.50	578	*				.9	4.2	9.7				
32.50 TO 33.00	652	*			4.7	6.0	3.1	3.0				
32.00 TO 32.50	1229	*		2.4	22.4	5.1	1.7	.1				
31.50 TO 32.00	417	*		3.8	6.4	1.2	.3	.0				
31.00 TO 31.50	285	*			7.3	.0						
30.50 TO 31.00	2	*			.1							
30.00 TO 30.50		*										
OUT OF RANGE	0	0										
SUB TOTAL	3883	0		203	1587	513	374	931	275			

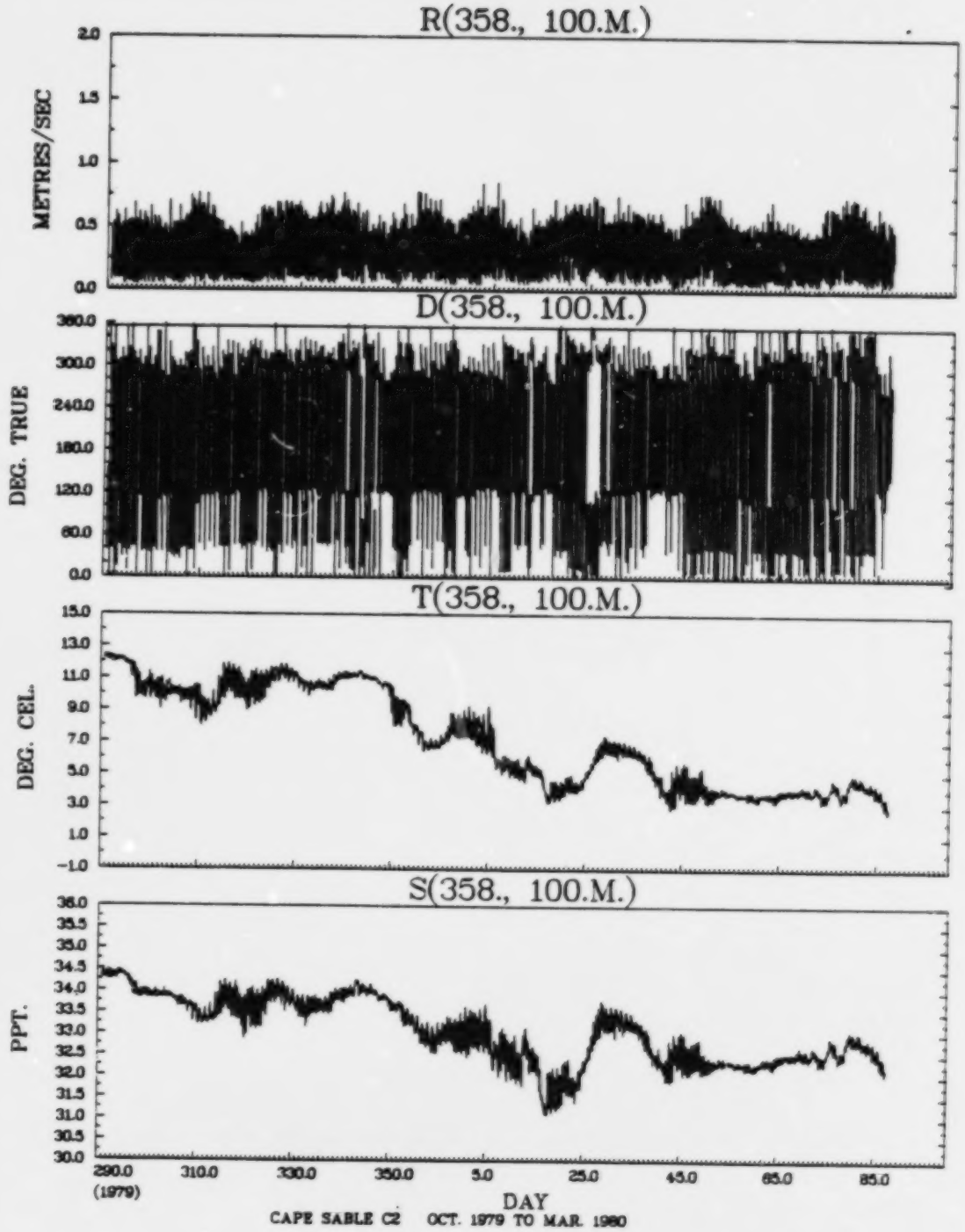
STN. 358, 100 M.

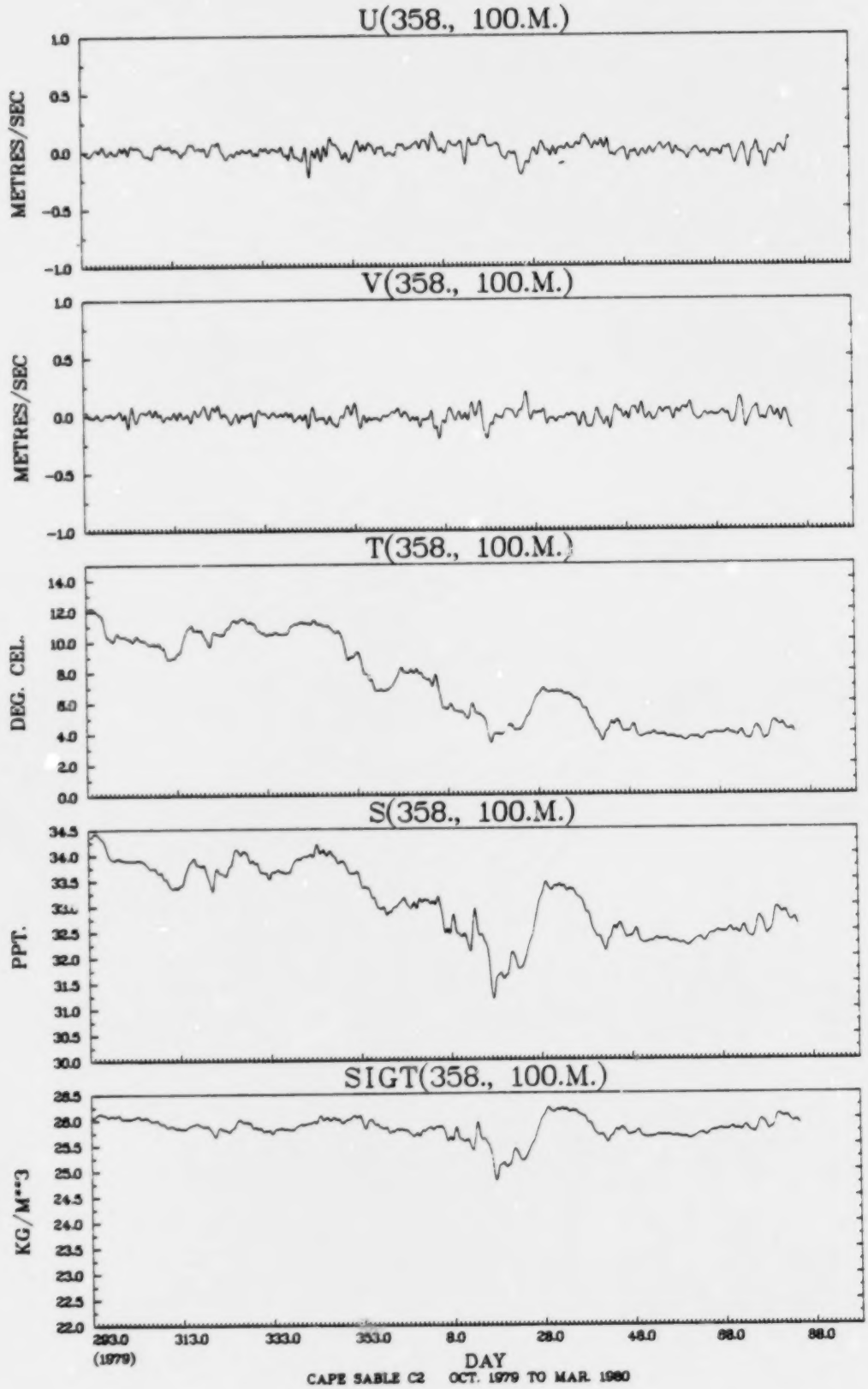


STN. 358, 100 M.



CAPE SABLE C2 OCT. 1979 TO MAR.


R(358., 100.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(358., 100.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(358., 100.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(358., 100.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
290.0
(1979)
310.0
330.0
350.0
5.0
25.0
45.0
65.0
85.0
DAY
CAPE SABLE C2 OCT. 1979 TO MAR. 1980


U(358., 100.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(358., 100.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(358., 100.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(358., 100.M.)
PPT.
34.5
34.0
33.5
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(358., 100.M.)
KG/M**3
23.5
23.0
22.5
22.0
293.0
(1979)
313.0
333.0
353.0
8.0
28.0
48.0
68.0
88.0
DAY
CAPE SABLE C2 OCT. 1979 TO MAR. 1980

JOINT DISTRIBUTION (PERCENT)

D(358., 100.M.) VS R(358., 100.M.)

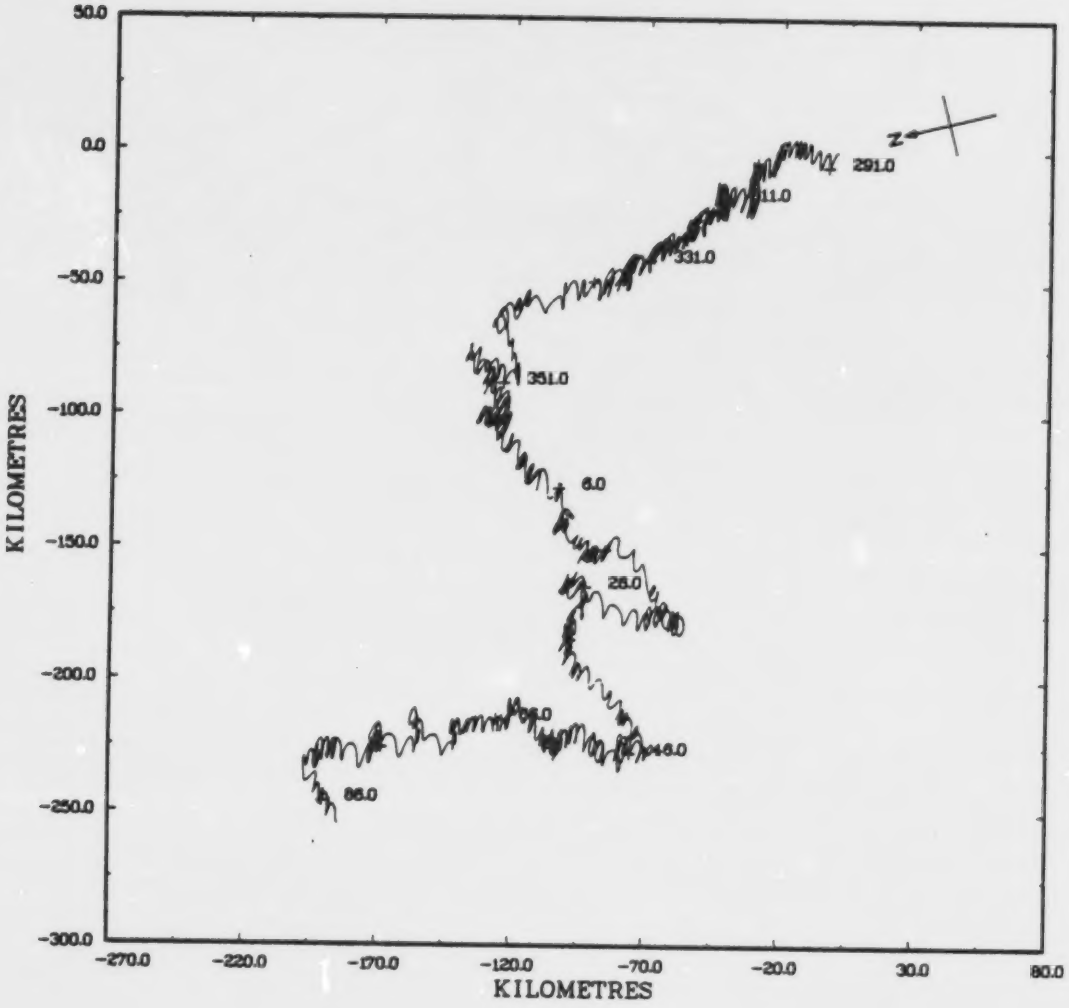
METRES/SEC	DEG. TRUE	SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90	1	*										.0		
.70 TO	.80	15	*				.1						.2	.0	
.60 TO	.70	151	*			.0	1.1	.5				.1	1.6	.6	
.50 TO	.60	517	*			.2	3.4	2.4				.2	4.3	2.9	.0
.40 TO	.50	785	*	.0	.1	.2	5.5	4.0	.0			.4	5.6	4.0	.5
.30 TO	.40	802	*	.2	.1	.6	4.3	4.9	.3	.1	.1	1.0	4.4	3.2	1.5
.20 TO	.30	666	*	.8	.6	1.3	2.3	2.8	1.5	.4	.4	1.0	3.7	.8	1.4
.10 TO	.20	879	*	1.4	1.4	2.1	2.5	2.4	2.4	1.9	2.2	2.4	3.5	.2	.3
-.00 TO	.10	67	*		.1	.2	.3	.3	.1	.1	.2	.4	.1		
OUT OF RANGE		0	0												
SUB TOTAL		3883	0	94	87	178	761	669	163	97	113	210	908	455	148

JOINT DISTRIBUTION (PERCENT)

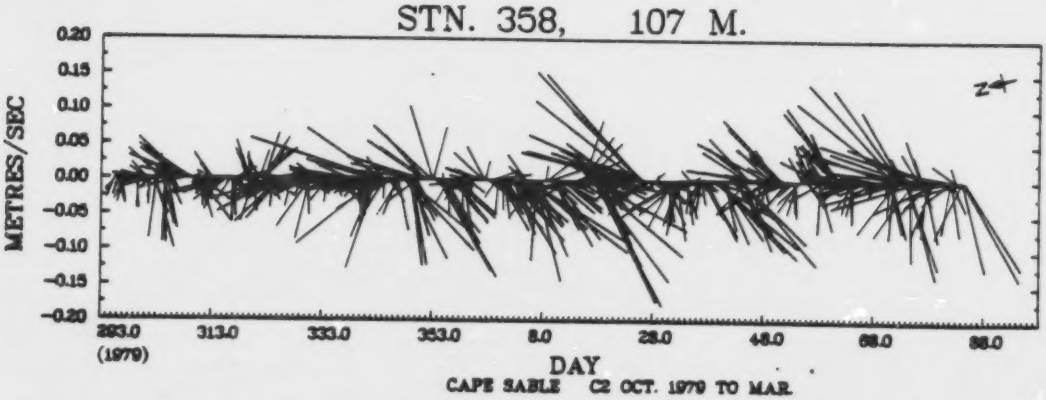
T(358., 100.M.) VS S(358., 100.M.)

PPT. DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00	1	*							.0			
34.00 TO 34.50	366	*						.5	8.9			
33.50 TO 34.00	1011	*				.2	1.9	19.5	4.4			
33.00 TO 33.50	628	*			.2	6.0	6.3	3.7				
32.50 TO 33.00	756	*			9.5	7.7	2.2					
32.00 TO 32.50	937	*		.3	20.9	3.0						
31.50 TO 32.00	131	*		.1	3.3							
31.00 TO 31.50	53	*			1.4							
30.50 TO 31.00		*										
30.00 TO 30.50		*										
OUT OF RANGE	0	0										
SUB TOTAL	3883	0		15	1368	654	406	920	520			

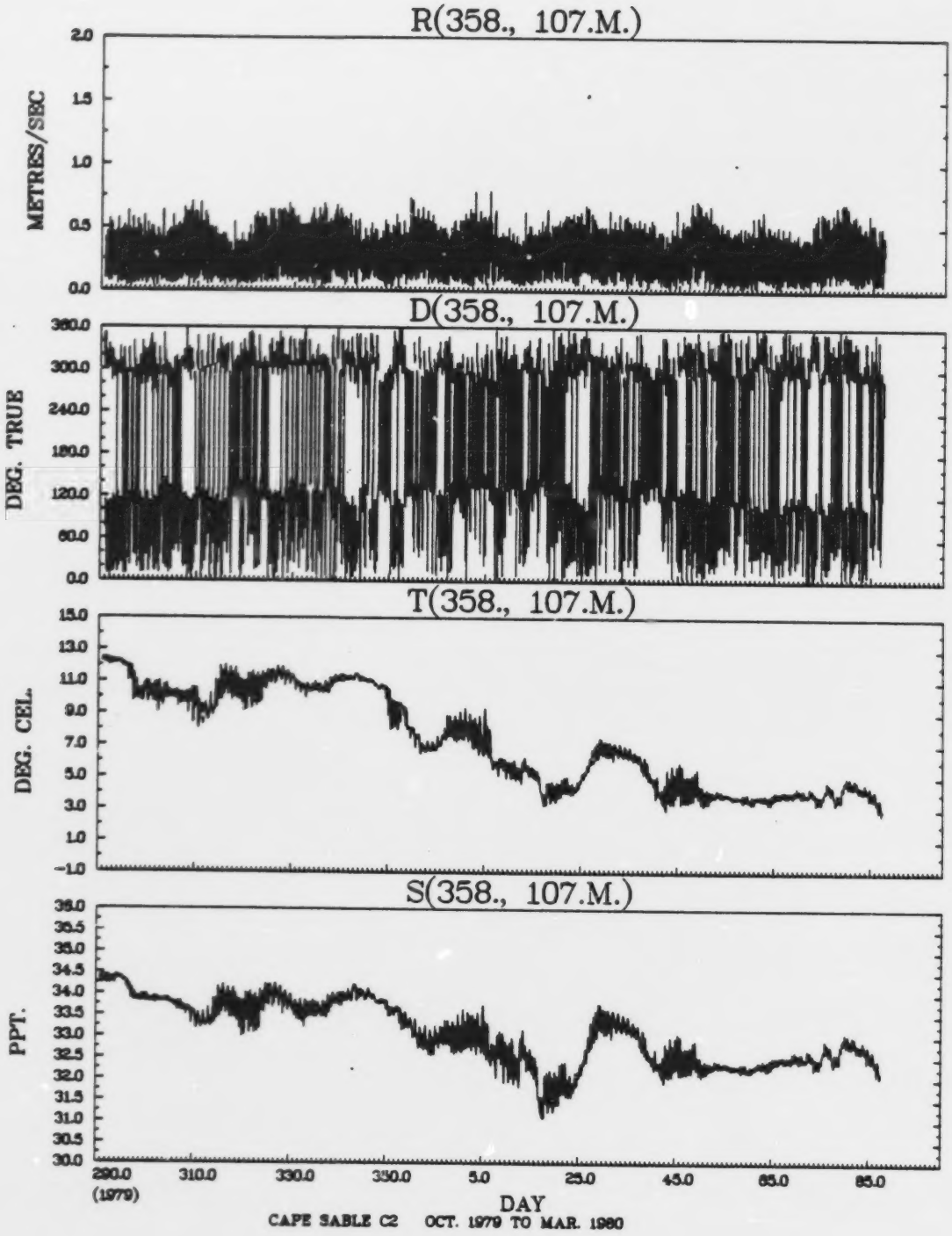
STN. 358, 107 M.

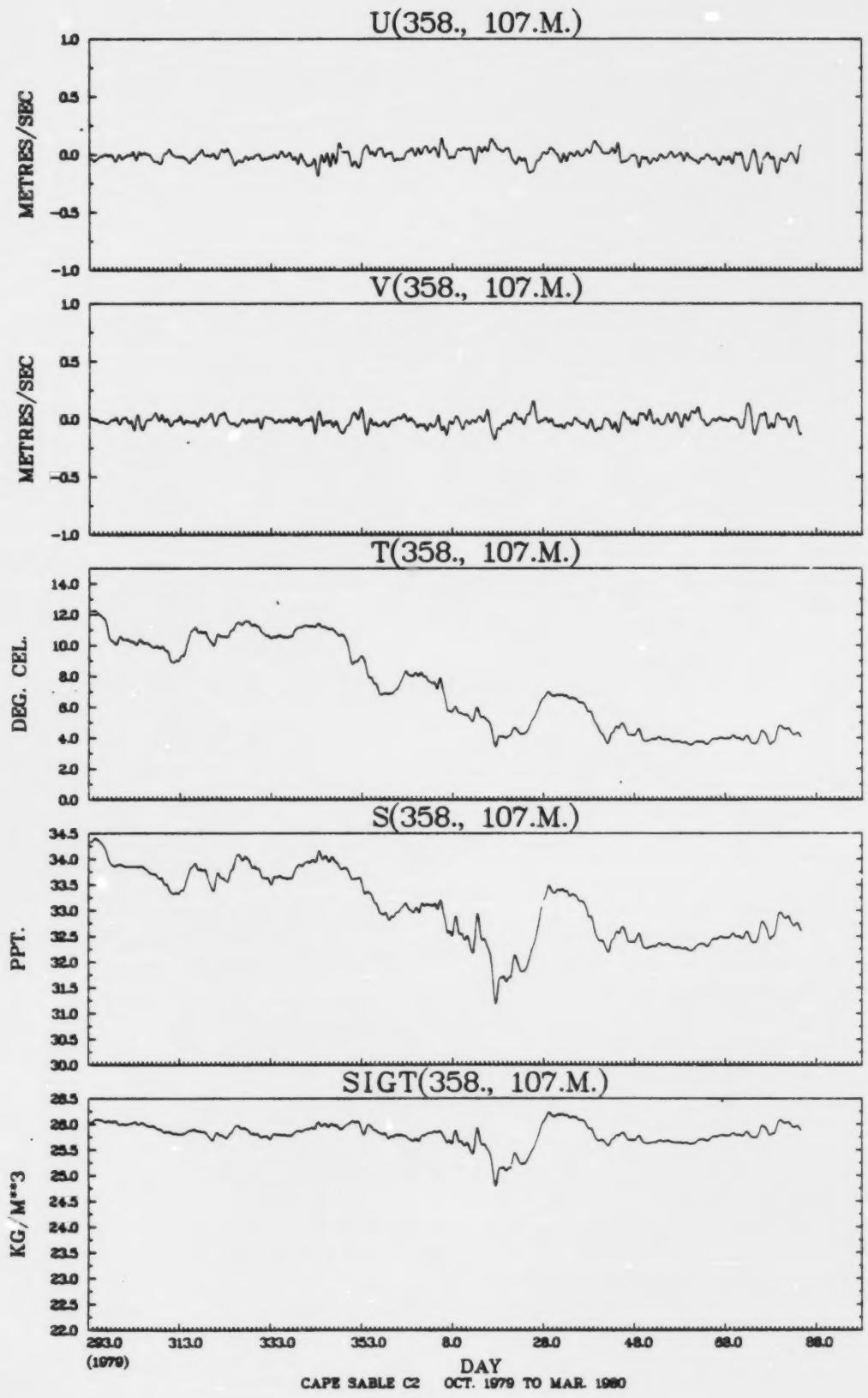


STN. 358, 107 M.



CAPE SABLE C2 OCT. 1979 TO MAR.


R(358., 107.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(358., 107.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(358., 107.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(358., 107.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
290.0
(1979)
310.0
330.0
350.0
5.0
25.0
45.0
65.0
85.0
DAY
CAPE SABLE C2 OCT. 1979 TO MAR. 1980


U(358., 107.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(358., 107.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(358., 107.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(358., 107.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(358., 107.M.)
KG/M**3
28.5
28.0
27.5
27.0
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
293.0
(1979)
313.0
333.0
353.0
8.0
28.0
48.0
68.0
88.0
DAY
CAPE SABLE C2 OCT. 1979 TO MAR. 1980

JOINT DISTRIBUTION (PERCENT)

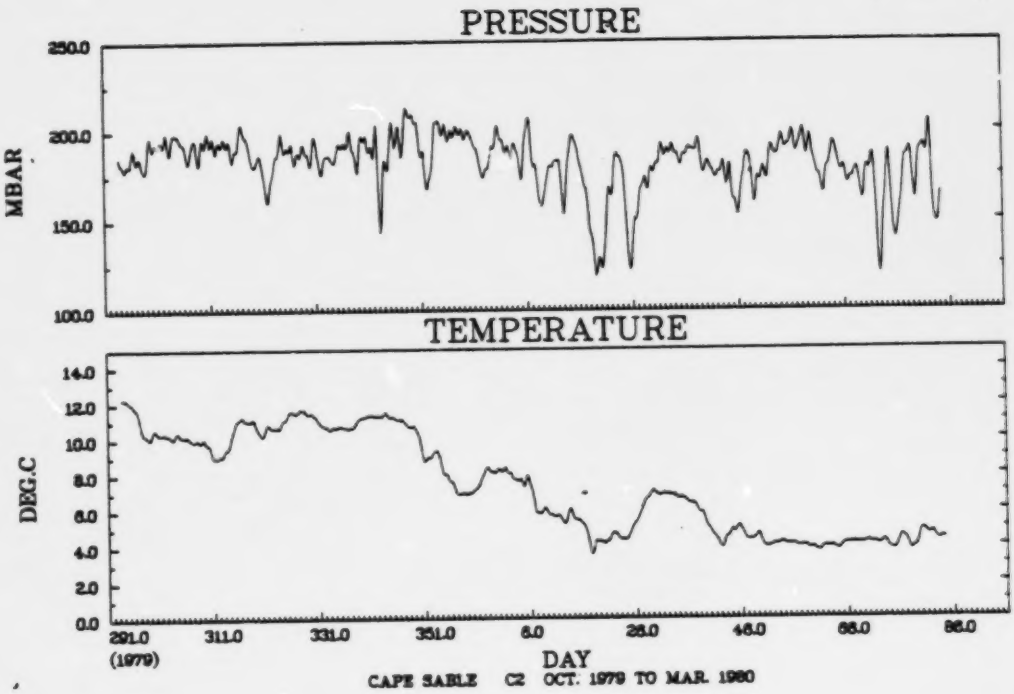
D(358., 107.M.) VS R(358., 107.M.)

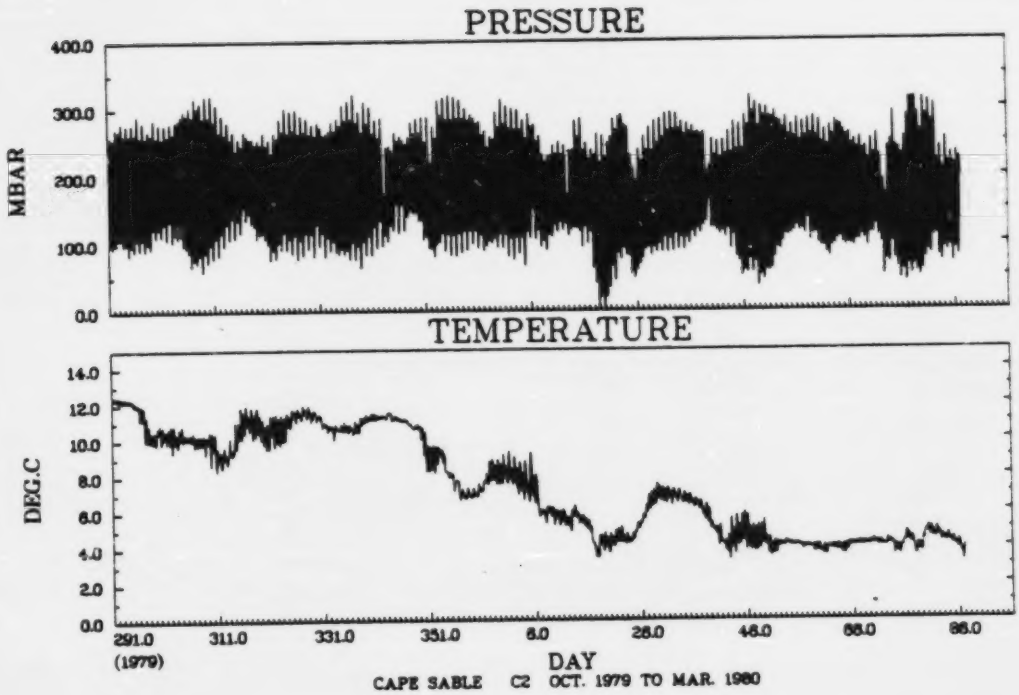
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90		*												
.70 TO	.80	3	*										.1		
.60 TO	.70	43	*				.4	.1					.5	.1	
.50 TO	.60	320	*			.2	2.1	1.1			.1	.1	2.8	2.0	
.40 TO	.50	796	*		.1	.3	5.0	3.6	.0	.0		.2	5.3	6.1	
.30 TO	.40	998	*	.1	.0	.6	6.3	5.6	.2	.1		.5	5.2	6.8	.3
.20 TO	.30	808	*	.2	.3	1.1	4.0	4.7	.6	.2	.2	.7	3.5	4.3	1.1
.10 TO	.20	666	*	.9	.8	1.7	2.3	2.0	1.2	.6	.6	.9	2.2	2.4	1.4
-.00 TO	.10	248	*	.7	.9	.5	.3	.3	.6	.5	.7	.6	.2	.2	.9
OUT OF RANGE		0	0												
SUB TOTAL		3882	0	76	78	170	789	672	103	54	61	117	770	850	142

JOINT DISTRIBUTION (PERCENT)

T(358., 107.M.) VS S(358., 107.M.)

DEG. CEL. PPT.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50	325	*						.1	8.3			
33.50 TO	34.00	1042	*				.1	2.0	18.2	6.5			
33.00 TO	33.50	642	*			.2	5.7	6.4	4.2				
32.50 TO	33.00	772	*			9.2	8.1	2.5					
32.00 TO	32.50	934	*		.3	20.7	3.1						
31.50 TO	32.00	119	*		.1	3.0	.0						
31.00 TO	31.50	48	*			1.2							
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3882	0		13	1335	661	423	875	575			


PRESSURE
MBAR
250.0
200.0
150.0
100.0
TEMPERATURE
DEG.C
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
291.0
(1979)
311.0
331.0
351.0
6.0
26.0
46.0
66.0
86.0
DAY
CAPE SABLE C2 OCT. 1979 TO MAR. 1980


PRESSURE
MBAR
400.0
300.0
200.0
100.0
0.0
TEMPERATURE
DEG.C
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
291.0
(1979)
311.0
331.0
351.0
6.0
26.0
46.0
66.0
86.0
DAY
CAPE SABLE C2 OCT. 1979 TO MAR. 1980

HISTOGRAM OF PRESSURE (358.,110.M.) MBAR

BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
0.00	20.00	6	.2	**
20.00	40.00	9	.2	**
40.00	60.00	36	.9	********
60.00	80.00	100	2.6	**********
80.00	100.00	261	6.8	**********
100.00	120.00	431	11.2	**********
120.00	140.00	392	10.1	**********
140.00	160.00	360	9.3	**********
160.00	180.00	316	8.2	**********
180.00	200.00	323	8.4	**********
200.00	220.00	300	7.8	**********
220.00	240.00	402	10.4	**********
240.00	260.00	391	10.1	**********
260.00	280.00	324	8.4	**********
280.00	300.00	158	4.1	**********
300.00	320.00	51	1.3	**********
320.00	340.00	4	.1	*
340.00	360.00	0	0.0	
360.00	380.00	0	0.0	
380.00	400.00	0	0.0	
400.00	420.00	0	0.0	
420.00	440.00	0	0.0	
440.00	460.00	0	0.0	
460.00	480.00	0	0.0	
480.00	500.00	0	0.0	
500.00	520.00	0	0.0	
520.00	540.00	0	0.0	
540.00	560.00	0	0.0	

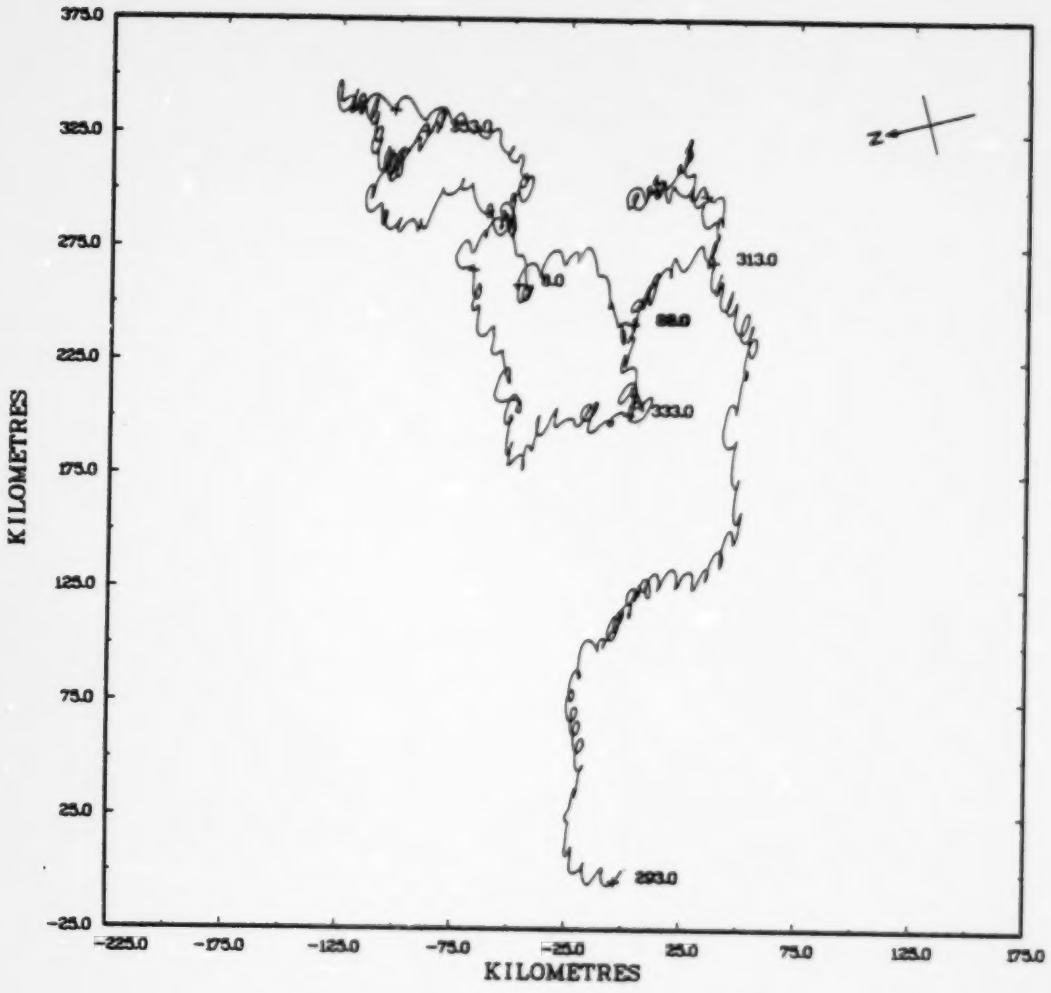
TOTAL NO. OF SAMPLES 3864
OUTSIDE RANGE 0

HISTOGRAM OF TEMPERATURE DEG.C

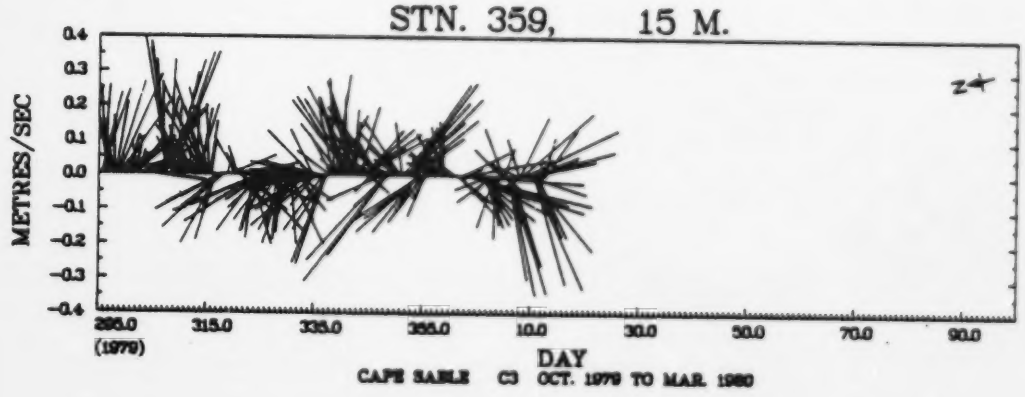
BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
-2.00	-1.50	0	0.0	
-1.50	-1.00	0	0.0	
-1.00	-.50	0	0.0	
-.50	0.00	0	0.0	
0.00	.50	0	0.0	
.50	1.00	0	0.0	
1.00	1.50	0	0.0	
1.50	2.00	0	0.0	
2.00	2.50	0	0.0	
2.50	3.00	0	0.0	
3.00	3.50	18	.5	###
3.50	4.00	261	6.8	##########
4.00	4.50	768	19.9	##########
4.50	5.00	238	6.2	##########
5.00	5.50	160	4.1	######
5.50	6.00	161	4.2	######
6.00	6.50	150	3.9	######
6.50	7.00	196	5.1	########
7.00	7.50	147	3.8	######
7.50	8.00	120	3.1	#####
8.00	8.50	80	2.1	###
8.50	9.00	96	2.5	###
9.00	9.50	117	3.0	#####
9.50	10.00	152	3.9	######
10.00	10.50	246	6.4	##########
10.50	11.00	331	8.6	##############
11.00	11.50	373	9.7	###############
11.50	12.00	134	3.5	######
12.00	12.50	102	2.6	#####
12.50	13.00	5	.1	#
13.00	13.50	0	0.0	
13.50	14.00	0	0.0	
14.00	14.50	0	0.0	
14.50	15.00	0	0.0	
15.00	15.50	0	0.0	
15.50	16.00	0	0.0	
16.00	16.50	0	0.0	
16.50	17.00	0	0.0	
17.00	17.50	0	0.0	
17.50	18.00	0	0.0	
18.00	18.50	0	0.0	
18.50	19.00	0	0.0	
19.00	19.50	0	0.0	
19.50	20.00	0	0.0	

TOTAL NO. OF SAMPLES 3864
OUTSIDE RANGE 0

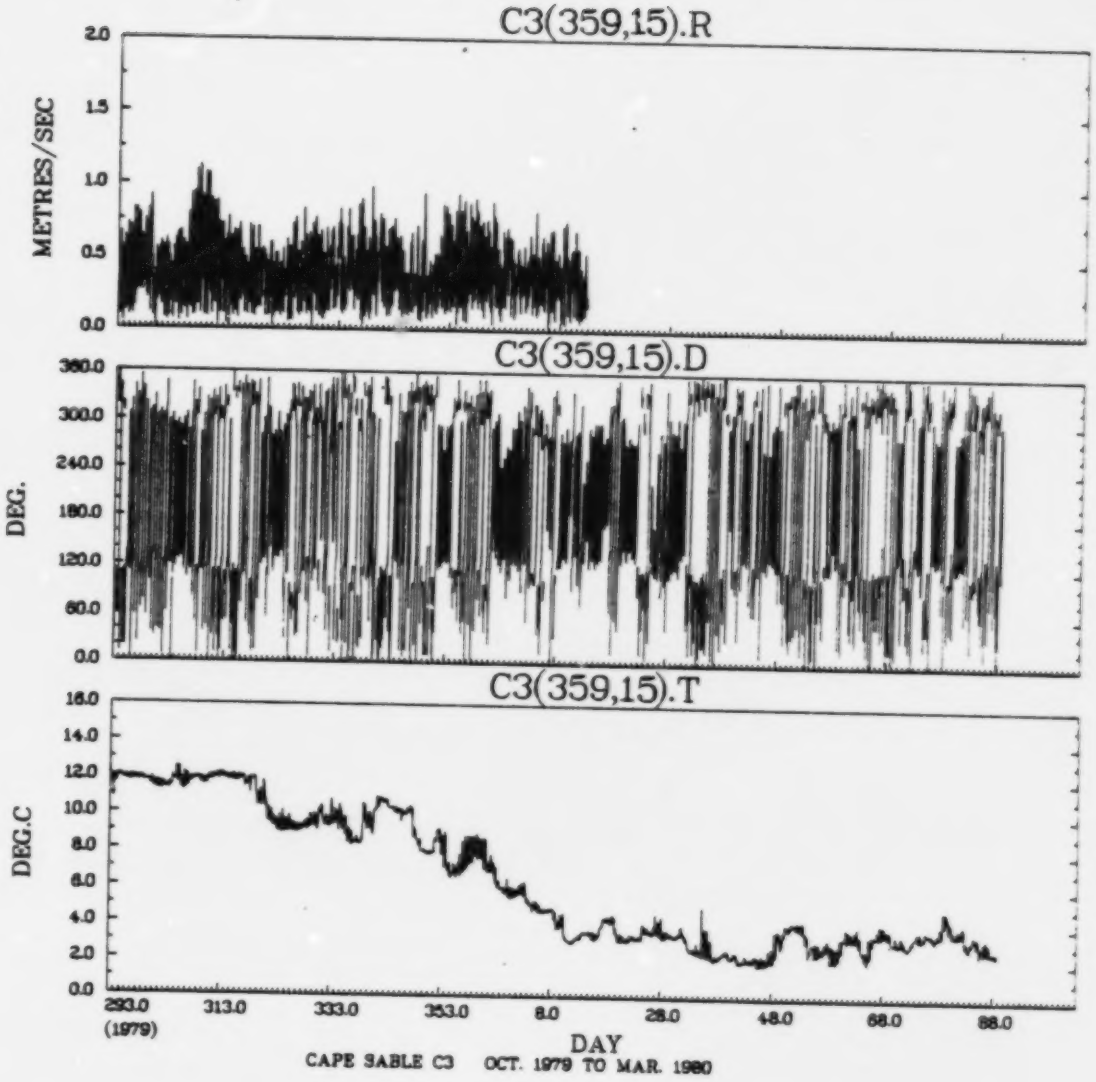
STN. 359, 15 M.



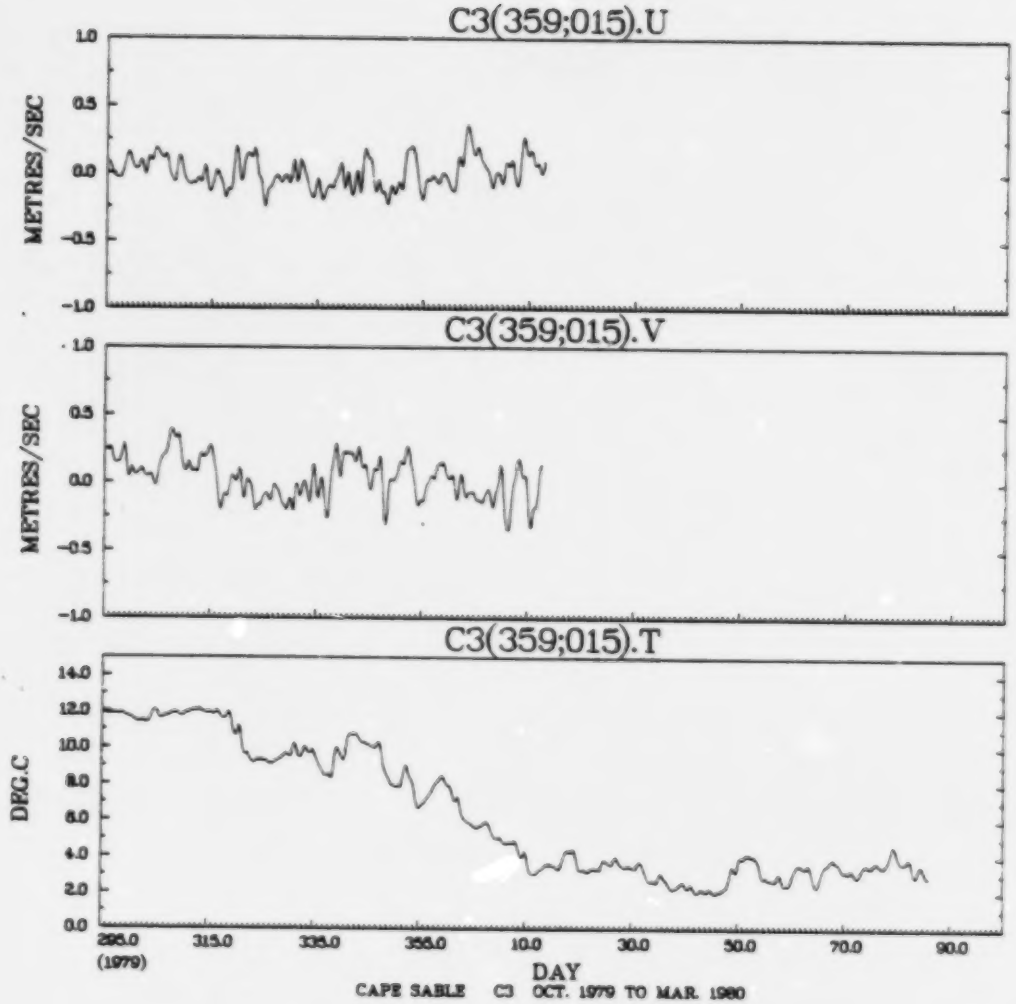
STN. 359, 15 M.



Rotor lost on day 13 (1980)



Rotor lost on day 13 (1980)



Rotor lost on day 13 (1980)

JOINT DISTRIBUTION (PERCENT)

C3(359,151).D VS C3(359,151).R

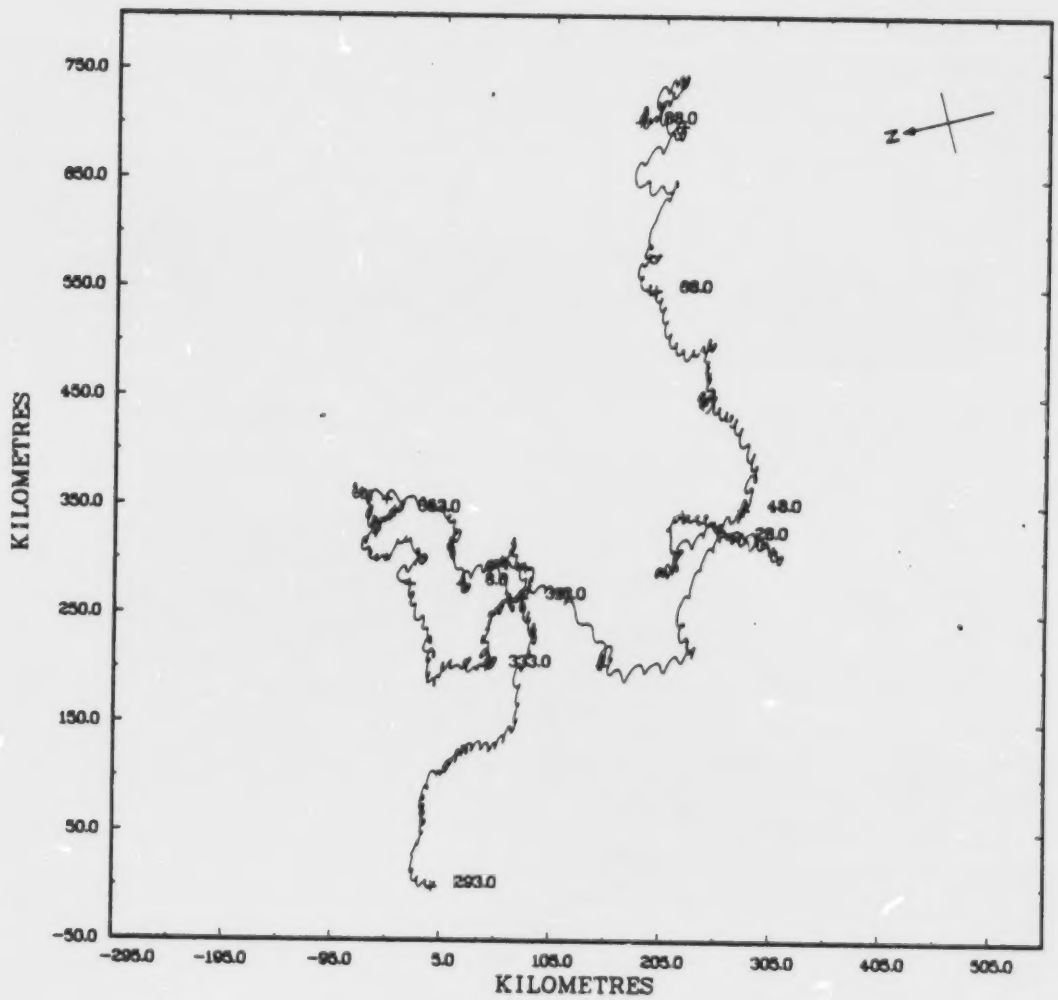
DEG. METERS/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20	2	*				.1								
1.00 TO	1.10	6	*				.2								
.90 TO	1.00	17	*				.6	.0					.1	.1	
.80 TO	.90	41	*				.8	.3					.2	.4	
.70 TO	.80	100	*			.0	2.0	.9				.1	.7	1.2	
.60 TO	.70	196	*			.2	3.3	1.5	.0			.4	1.9	2.1	.1
.50 TO	.60	315	*	.1	.0	.4	3.6	3.7	.3	.0	.1	.6	3.1	2.7	.5
.40 TO	.50	358	*	.3		.8	4.2	2.7	.8	.3	.4	1.1	2.3	3.5	1.1
.30 TO	.40	405	*	1.0	.7	1.2	3.1	2.6	1.9	.5	1.0	1.1	3.0	2.8	1.6
.20 TO	.30	327	*	.8	.9	1.1	2.3	2.0	1.5	1.0	.8	1.3	2.1	1.6	.8
.10 TO	.20	203	*	.8	.8	.6	1.0	.9	.9	.8	.7	.5	1.0	.9	.8
-.00 TO	.10	75	*	.3	.4	.1	.4	.3	.2	.3	.2	.2	.5	.3	.3
OUT OF RANGE		0	0												
SUB TOTAL		2044	0	64	60	94	443	309	101	62	65	111	306	320	109

HISTOGRAM OF C3(359;015).T DEG.C

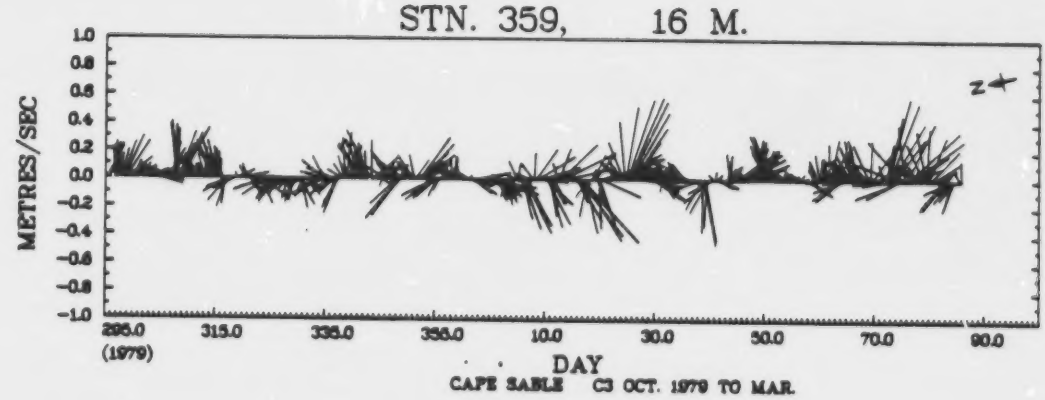
BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT
-2.00	-1.50	0	0.0
-1.50	-1.00	0	0.0
-1.00	-.50	0	0.0
-.50	0.00	0	0.0
0.00	.50	0	0.0
.50	1.00	0	0.0
1.00	1.50	0	0.0
1.50	2.00	32	.8
2.00	2.50	297	7.7
2.50	3.00	285	7.4
3.00	3.50	652	16.9
3.50	4.00	454	11.8
4.00	4.50	177	4.6
4.50	5.00	105	2.7
5.00	5.50	45	1.2
5.50	6.00	96	2.5
6.00	6.50	33	.9
6.50	7.00	67	1.7
7.00	7.50	56	1.7
7.50	8.00	90	2.3
8.00	8.50	87	2.3
8.50	9.00	114	3.0
9.00	9.50	217	5.6
9.50	10.00	146	3.8
10.00	10.50	171	4.4
10.50	11.00	71	1.6
11.00	11.50	89	2.3
11.50	12.00	449	11.6
12.00	12.50	112	2.9
12.50	13.00	5	.1
13.00	13.50	0	0.0
13.50	14.00	0	0.0
14.00	14.50	0	0.0
14.50	15.00	0	0.0
15.00	15.50	0	0.0
15.50	16.00	0	0.0
16.00	16.50	0	0.0
16.50	17.00	0	0.0
17.00	17.50	0	0.0
17.50	18.00	0	0.0
18.00	18.50	0	0.0
18.50	19.00	0	0.0
19.00	19.50	0	0.0
19.50	20.00	0	0.0

TOTAL NO. OF SAMPLES 3861
OUTSIDE RANGE 1

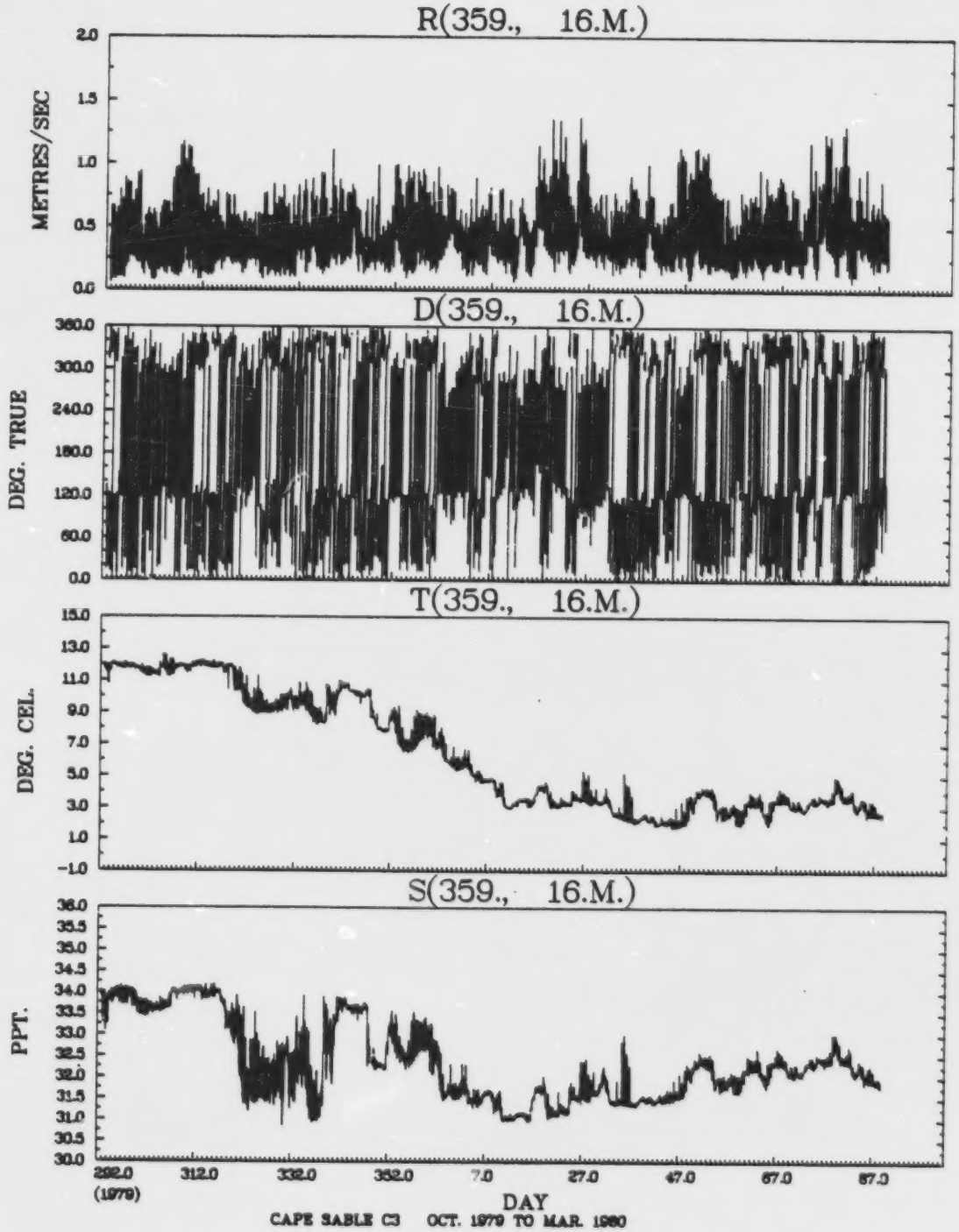
STN. 359, 16 M.

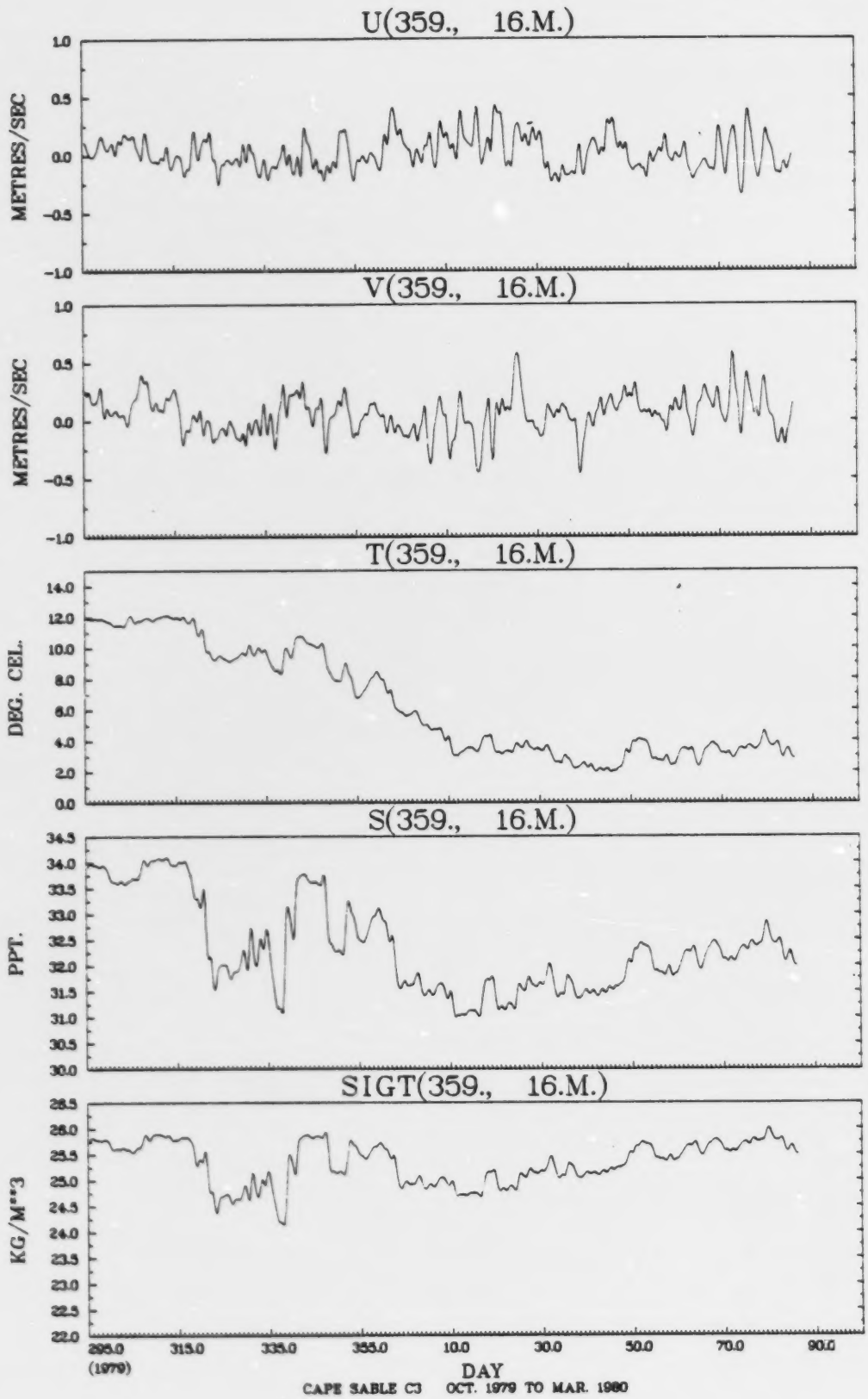


STN. 359, 16 M.



CAPE SABLE C3 OCT. 1979 TO MAR.


R(359., 16.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(359., 16.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(359., 16.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(359., 16.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
292.0
(1979)
312.0
332.0
352.0
7.0
27.0
47.0
67.0
87.0
DAY
CAPE SABLE C3 OCT. 1979 TO MAR. 1980


U(359., 16.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(359., 16.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(359., 16.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(359., 16.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(359., 16.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
295.0
(1979)
315.0
335.0
355.0
10.0
30.0
50.0
70.0
90.0
DAY
CAPE SABLE C3 OCT. 1979 TO MAR. 1980

JOINT DISTRIBUTION (PERCENT)

D(359., 16.M.) VS R(359., 16.M.)

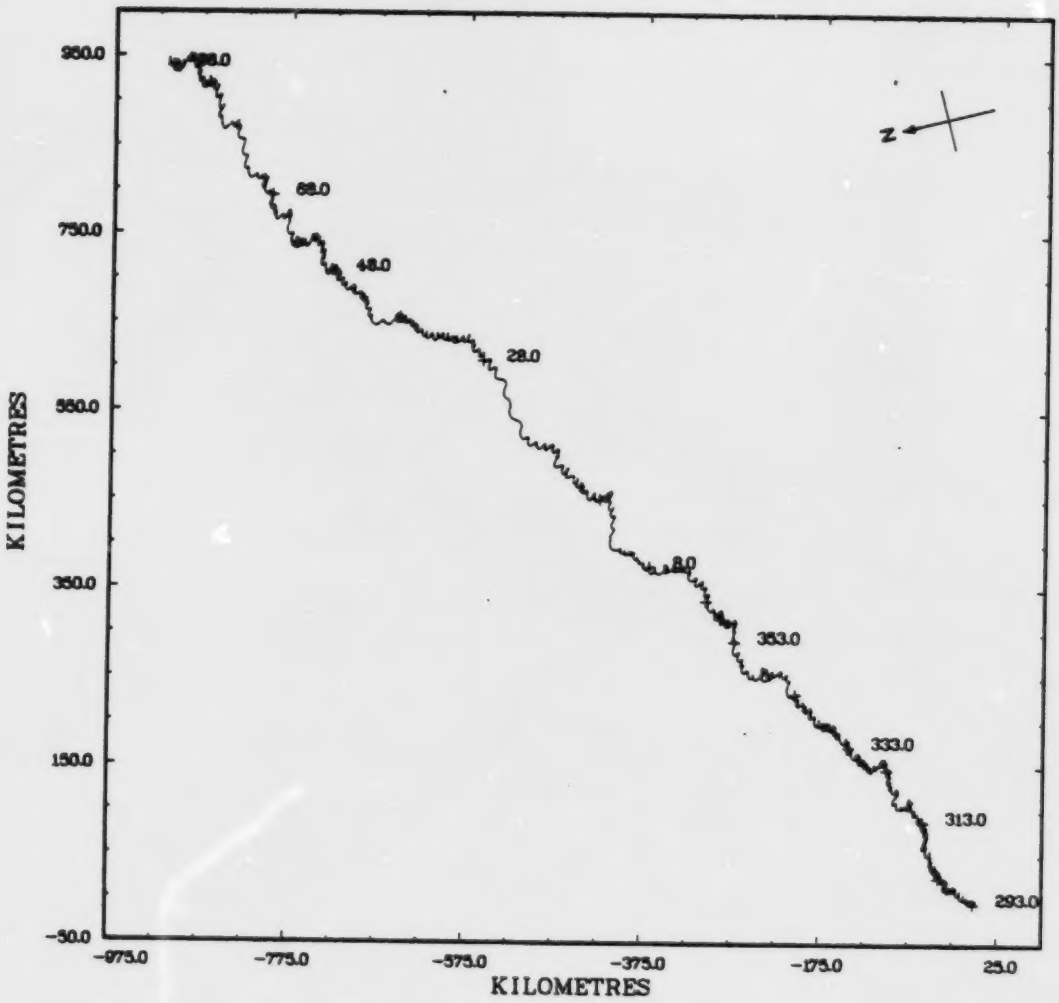
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40	1	*					.0							
1.20 TO	1.30	5	*				.1	.1							
1.10 TO	1.20	21	*				.2	.3					.1		
1.00 TO	1.10	27	*				.2	.4				.0	.0		
.90 TO	1.00	65	*				.6	.6	.1			.0	.2	.2	
.80 TO	.90	98	*				.8	.8	.1			.0	.3	.6	
.70 TO	.80	232	*			.1	1.7	1.5	.2		.0	.2	.9	1.3	.1
.60 TO	.70	365	*	.0		.2	2.8	2.0	.1		.1	.4	1.3	2.2	.4
.50 TO	.60	643	*	.2	.2	.6	3.3	3.8	.7	.3	.3	.7	2.4	3.4	.9
.40 TO	.50	713	*	.3	.3	.6	3.7	3.5	.9	.4	.3	1.1	2.1	3.6	1.4
.30 TO	.40	799	*	.9	.7	1.3	3.1	2.9	1.4	1.1	.9	1.3	2.7	2.7	1.6
.20 TO	.30	583	*	1.0	.8	1.3	1.8	1.6	1.3	.9	.9	1.3	1.6	1.3	1.2
.10 TO	.20	271	*	.8	.5	.6	.4	.7	.6	.7	.5	.5	.8	.4	.6
-.00 TO	.10	43	*	.2	.2	.1	.1	.1	.1	.1	.2	.1			.1
OUT OF RANGE		0	0												
SUB TOTAL		3966	0	135	104	185	720	707	207	142	121	221	473	608	243

JOINT DISTRIBUTION (PERCENT)

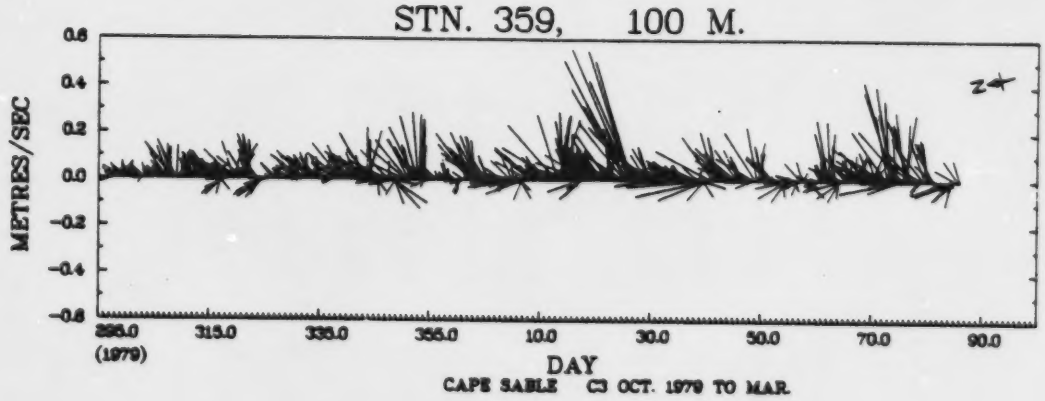
T(359., 16.M.) VS S(359., 16.M.)

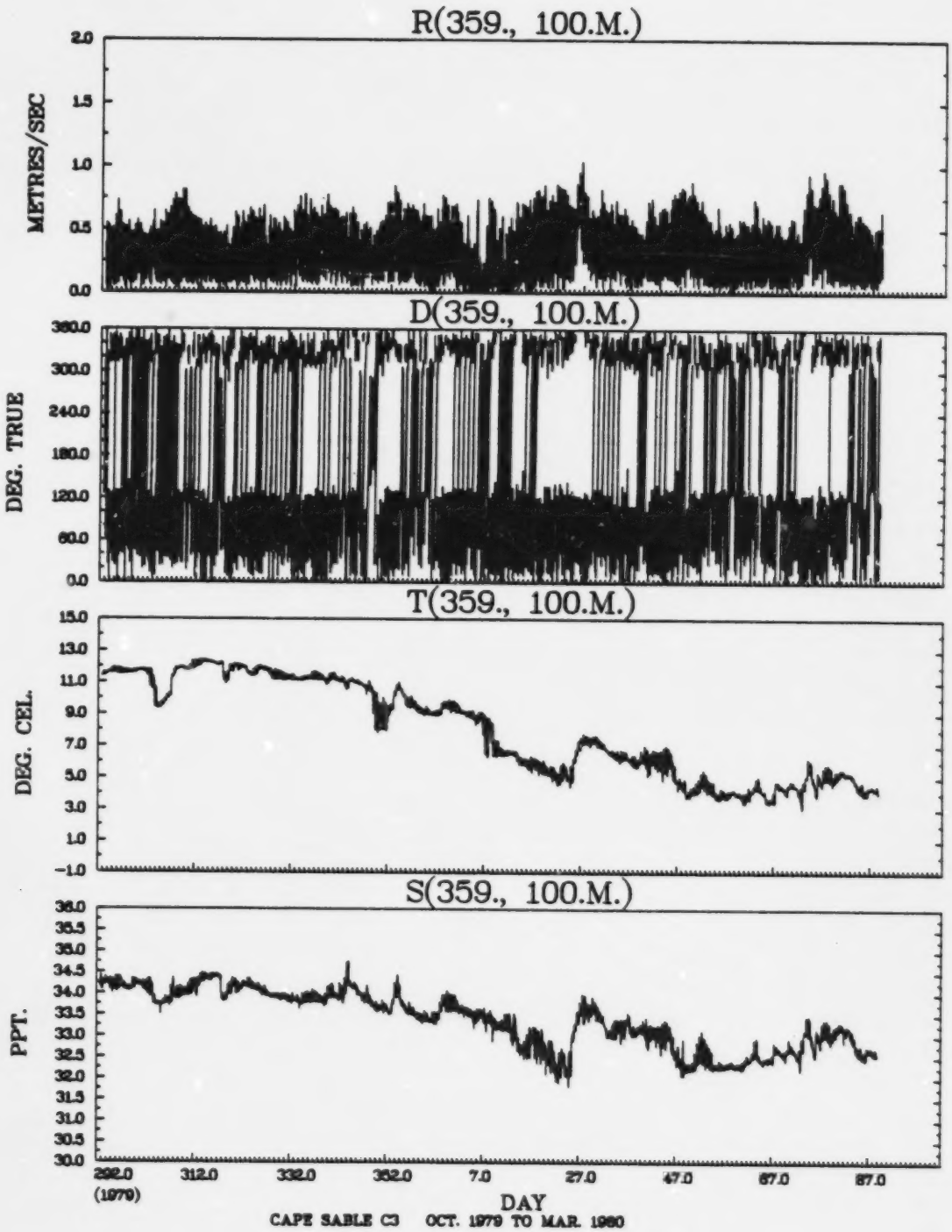
PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50	182	*							4.7			
33.50 TO	34.00	567	*						3.9	10.7			
33.00 TO	33.50	205	*					1.7	2.0	1.6			
32.50 TO	33.00	309	*			2.1	.3	3.0	2.6				
32.00 TO	32.50	980	*		1.9	16.0	1.6	2.4	3.4				
31.50 TO	32.00	938	*		9.3	7.8	3.6	.5	3.1				
31.00 TO	31.50	668	*		5.6	8.9	.7	1.6	.4				
30.50 TO	31.00	17	*			.3		.1					
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3866	0		650	1361	241	357	597	660			

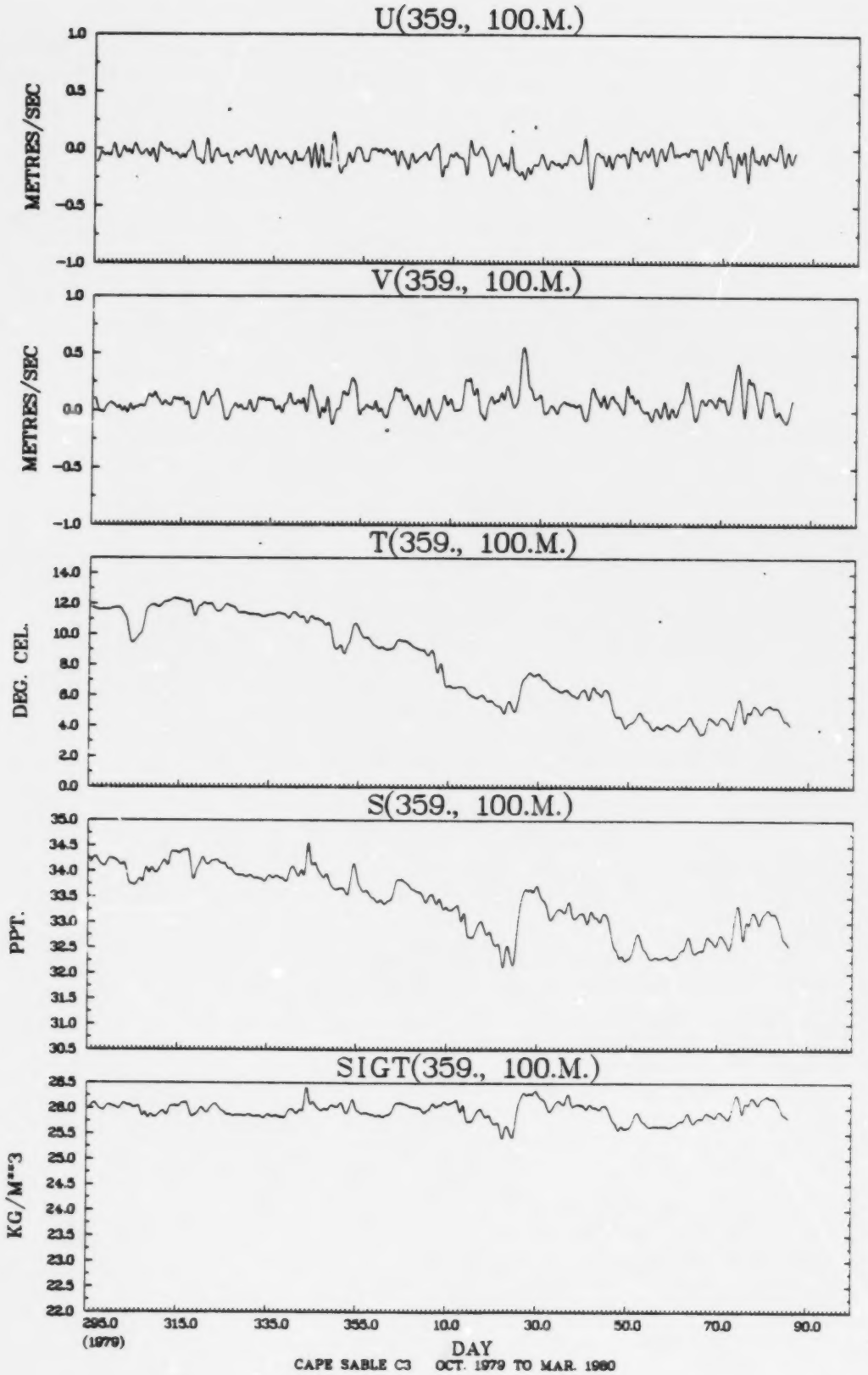
STN. 359, 100 M.



STN. 359, 100 M.




R(359., 100.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(359., 100.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(359., 100.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(359., 100.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
292.0
(1979)
312.0
332.0
352.0
7.0
27.0
47.0
67.0
87.0
DAY
CAPE SABLE C3 OCT. 1979 TO MAR. 1980


U(359., 100.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(359., 100.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(359., 100.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(359., 100.M.)
PPT.
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
SIGT(359., 100.M.)
KG/M**3
28.5
28.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
295.0
(1979)
315.0
335.0
355.0
10.0
30.0
50.0
70.0
90.0
DAY
CAPE SABLE C3 OCT. 1979 TO MAR. 1980

JOINT DISTRIBUTION (PERCENT)

D(359., 100.M.) VS R(359., 100.M.)

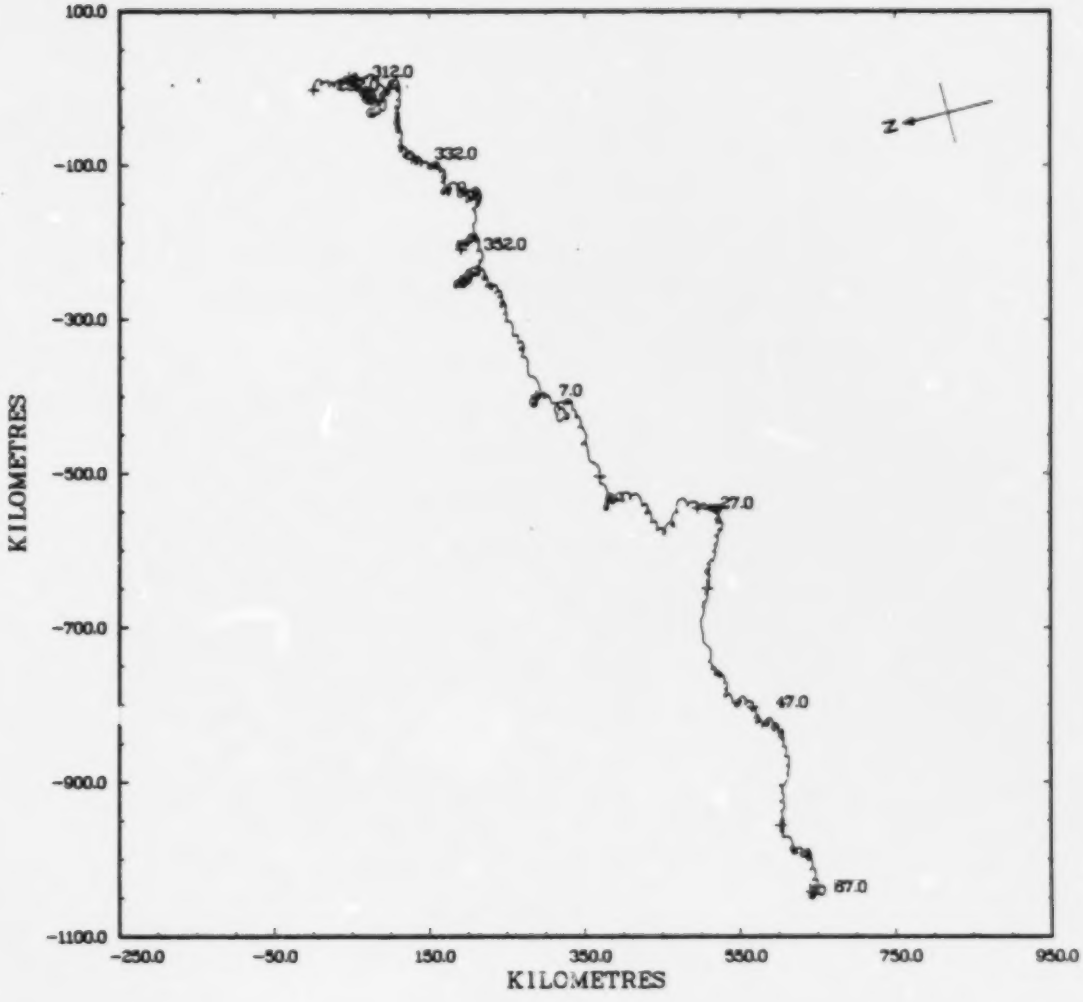
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00	4	*				.1	.1							
.80 TO	.90	20	*				.3	.2						.0	
.70 TO	.80	67	*			.1	.7	.7						.2	.1
.60 TO	.70	212	*	.0	.2	.2	1.9	1.7						1.1	.3
.50 TO	.60	534	*	.2	.2	.7	4.1	3.1					.5	4.0	1.0
.40 TO	.50	728	*	.2	.3	1.2	4.5	3.4					1.2	6.0	1.9
.30 TO	.40	768	*	.8	.6	1.1	4.4	3.4	.2			.0	1.3	5.3	2.6
.20 TO	.30	653	*	1.2	1.5	1.4	2.6	2.4	.6	.1	.0	.2	1.0	3.4	2.6
.10 TO	.20	615	*	1.6	1.4	1.8	2.2	1.4	1.1	.4	.4	.6	1.1	1.5	2.6
-.00 TO	.10	264	*	.9	.7	1.0	.6	.6	.4	.3	.4	.6	.5	.3	.6
OUT OF RANGE		0	0												
SUB TOTAL		3865	0	183	190	292	826	657	87	27	32	55	219	847	450

JOINT DISTRIBUTION (PERCENT)

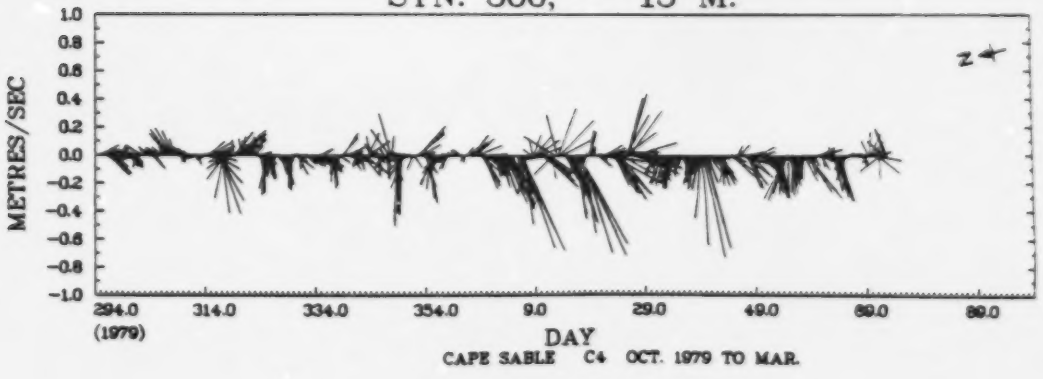
T(359., 100.M.) VS S(359., 100.M.)

PPT. DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00	11	*							.3			
34.00 TO 34.50	772	*						1.8	18.2			
33.50 TO 34.00	1106	*				.2	4.4	12.8	11.3			
33.00 TO 33.50	842	*			.4	16.7	2.7	1.9				
32.50 TO 33.00	641	*			10.6	6.0						
32.00 TO 32.50	488	*			11.2	1.4						
31.50 TO 32.00	5	*			.1							
31.00 TO 31.50		*										
30.50 TO 31.00		*										
30.00 TO 30.50		*										
OUT OF RANGE	0	0										
SUB TOTAL	3865	0			863	942	273	637	1150			

STN. 360, 15 M.

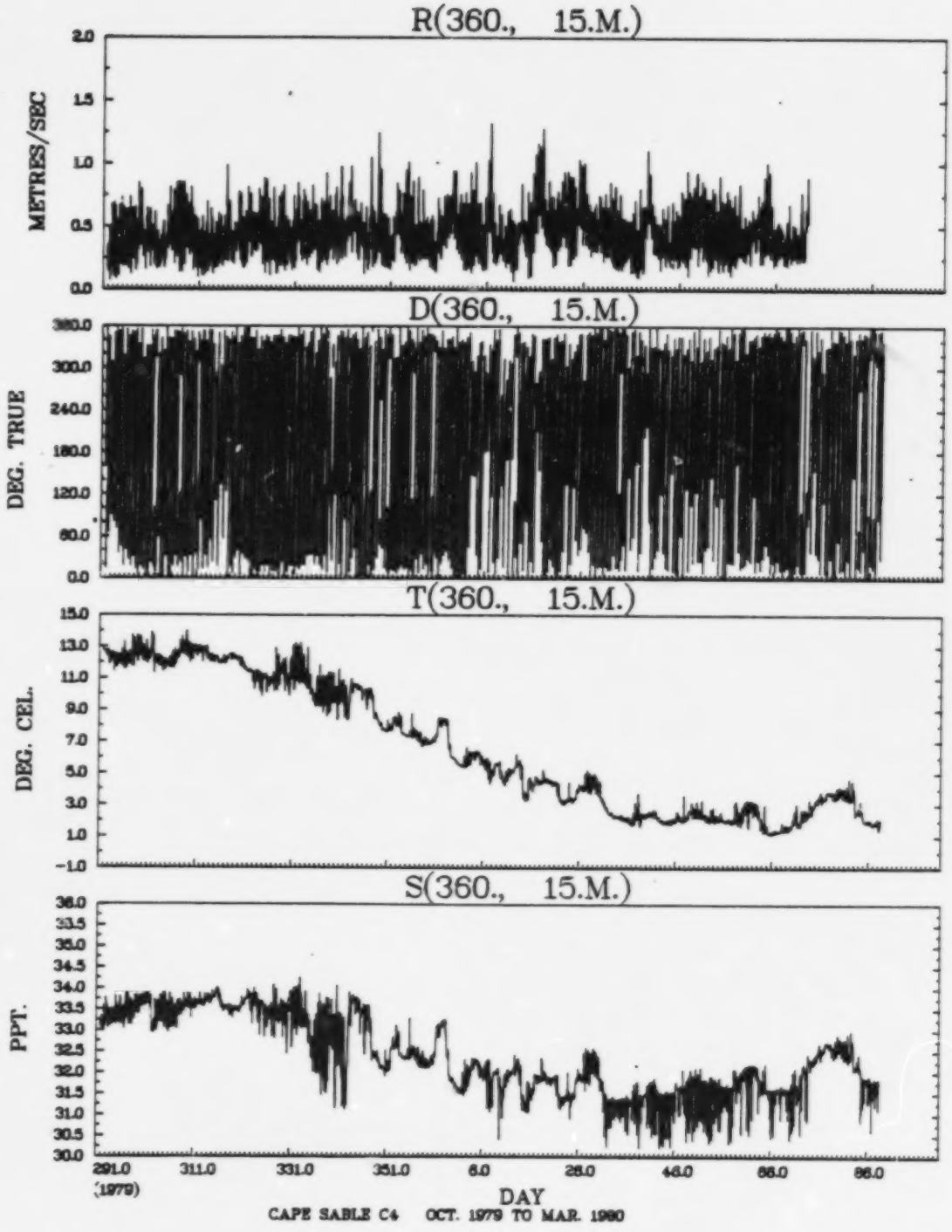


STN. 360, 15 M.

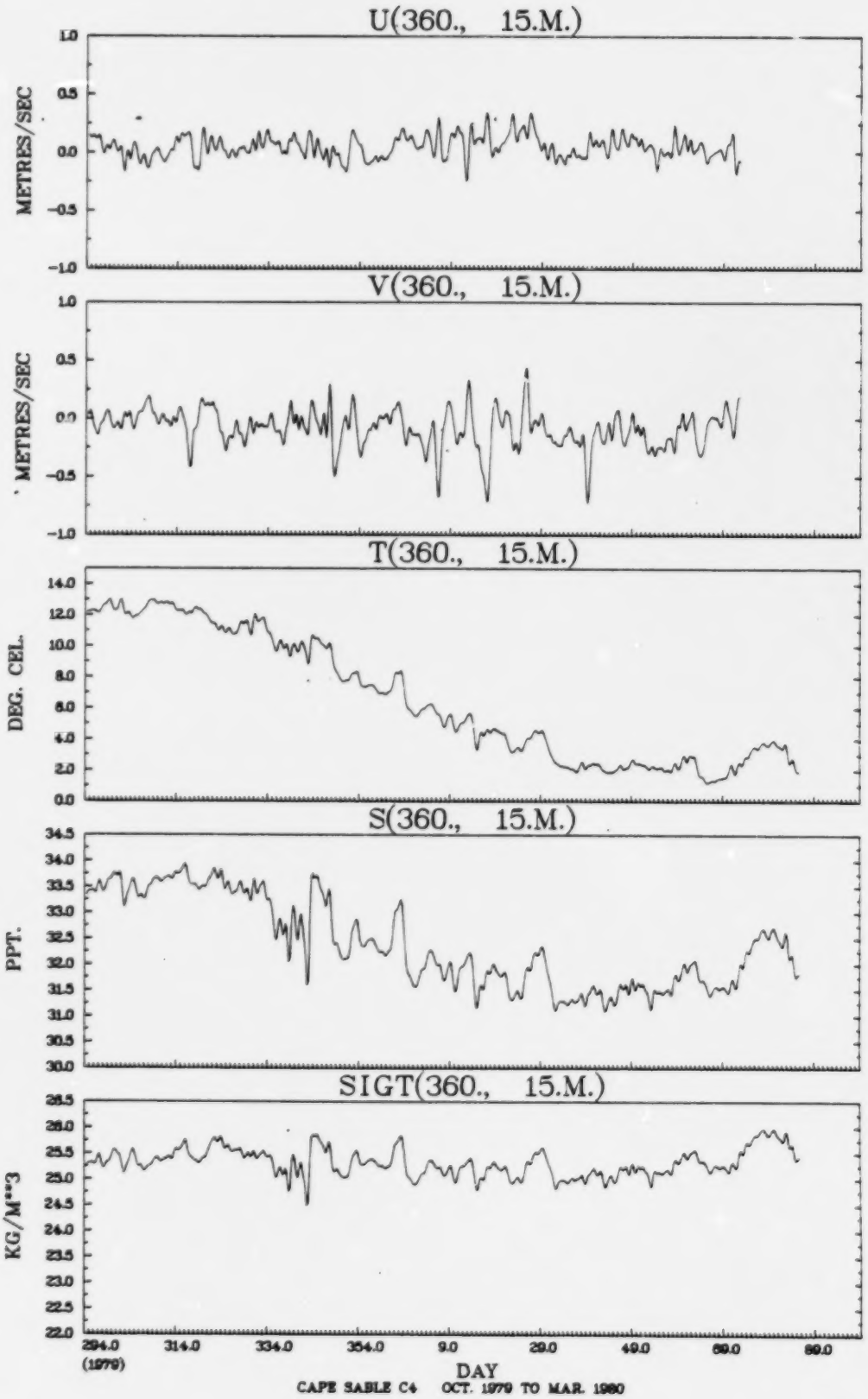


CAPE SABLE C4 OCT. 1979 TO MAR.

Rotor lost on day 72 (1980)



Rotor lost on day 72 (1980)



Rotor lost on day 72 (1980)

JOINT DISTRIBUTION (PERCENT)

D(360.,15.M.) VS R(360.,15.M.)

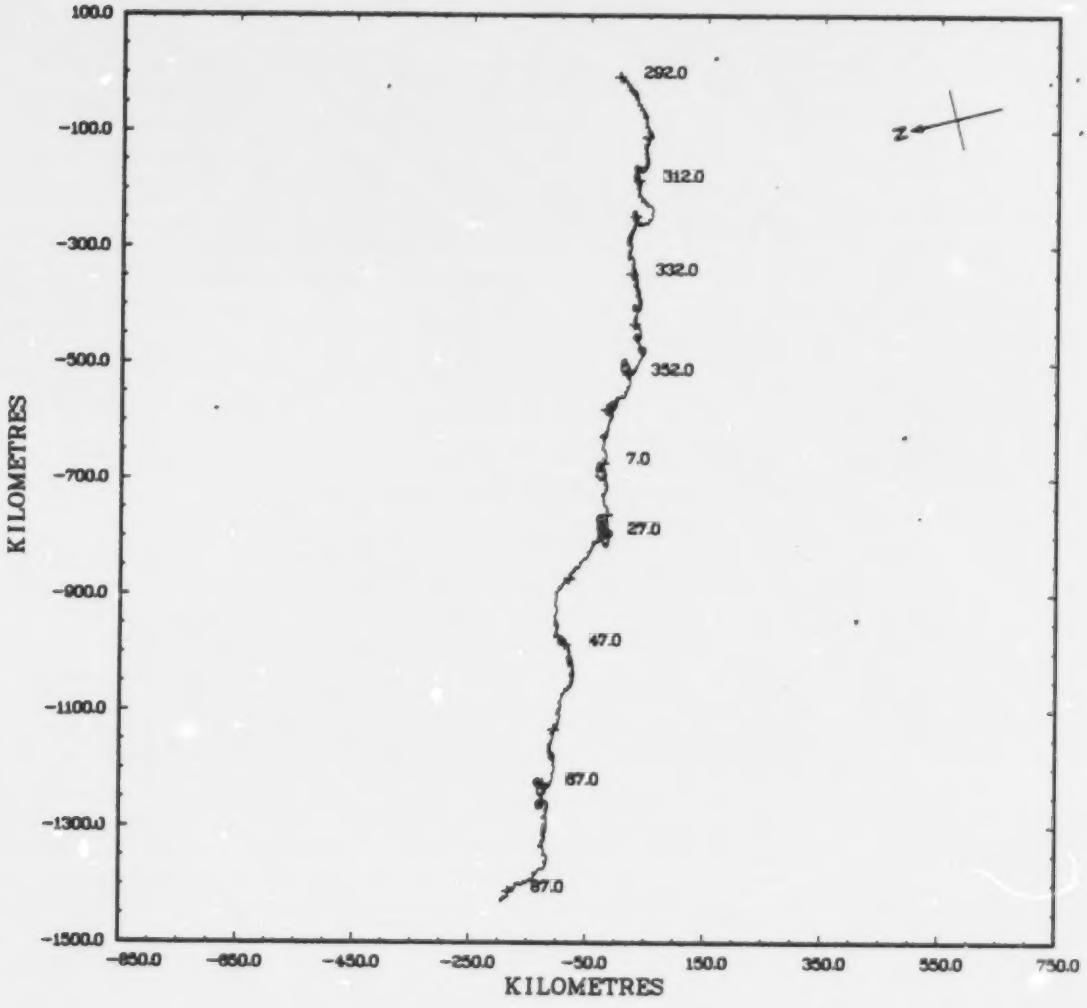
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40	1	*										.0		
1.20 TO	1.30	5	*									.0	.1		
1.10 TO	1.20	5	*										.1		
1.00 TO	1.10	15	*					.1				.1	.3		
.90 TO	1.00	43	*				.1	.1				.2	.7	.1	
.80 TO	.90	88	*				.2	.4	.1			.3	1.2	.4	
.70 TO	.80	184	*			.0	.4	.8	.4	.2	.2	.5	2.0	.7	.0
.60 TO	.70	341	*	.0		.1	.6	1.6	.6	.2	.6	.9	3.0	2.1	.1
.50 TO	.60	603	*		.1	.3	1.3	2.7	1.8	.8	.8	1.7	3.7	3.2	.9
.40 TO	.50	721	*	.5	.5	.6	1.7	3.5	2.6	1.3	1.2	1.8	2.3	3.3	1.4
.30 TO	.40	738	*	1.0	.7	1.1	2.4	3.0	2.2	1.6	1.5	1.6	1.3	2.6	2.0
.20 TO	.30	542	*	1.3	1.5	1.6	1.7	1.5	1.3	1.1	1.0	.9	.9	1.2	1.6
.10 TO	.20	192	*	.6	.8	.8	.7	.2	.5	.3	.4	.3	.2	.3	.3
-.00 TO	.10	22	*	.0		.1			.0	.1	.0	.1	.1	.1	.1
OUT OF RANGE		0	0												
SUB TOTAL		3500	0	119	126	160	314	485	330	205	197	293	559	486	226

JOINT DISTRIBUTION (PERCENT)

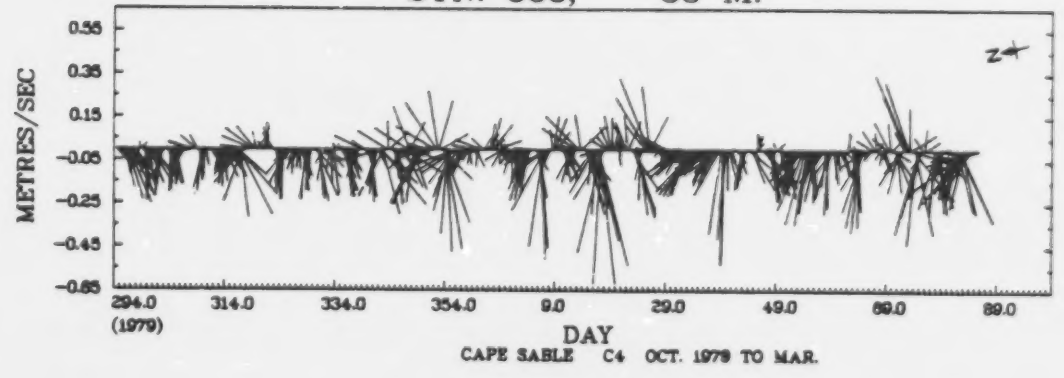
T(360., 15.M.) VS S(360., 15.M.)

DEG. CEL. PPT.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50	4	*							.1	.0		
33.50 TO 34.00	660	*						1.6	14.1	1.3		
33.00 TO 33.50	571	*					1.1	5.6	7.8	.2		
32.50 TO 33.00	282	*			3.1	.2	1.9	2.0	.1			
32.00 TO 32.50	742	*		2.7	4.6	5.1	5.3	1.3				
31.50 TO 32.00	1006	*		13.9	7.7	3.9	.2	.2				
31.00 TO 31.50	575	*		11.3	3.0	.1	.4					
30.50 TO 31.00	37	*		1.0								
30.00 TO 30.50	3	*		.1								
OUT OF RANGE	0	0										
SUB TOTAL	3880	0		1125	717	358	349	416	856	59		

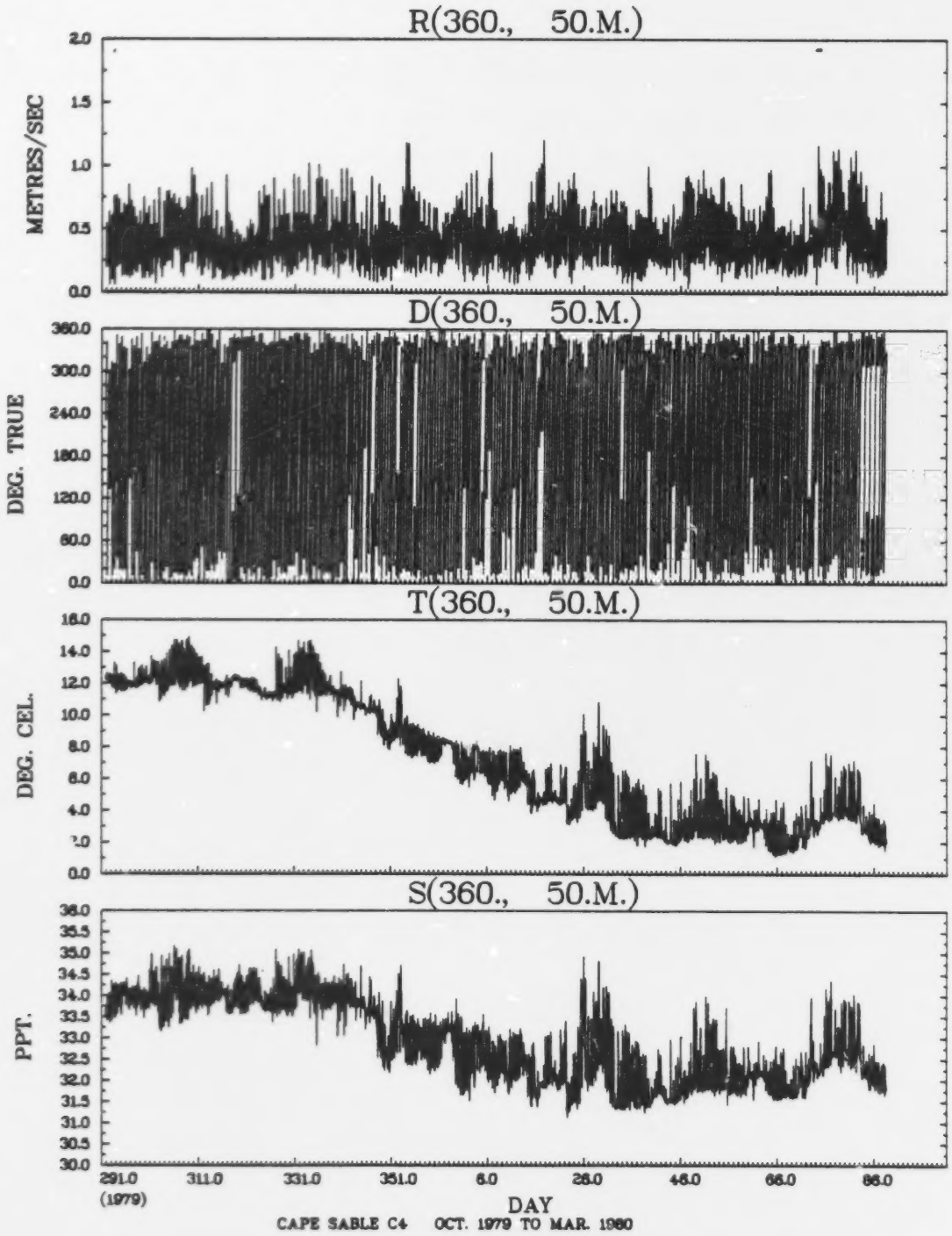
STN. 360, 50 M.



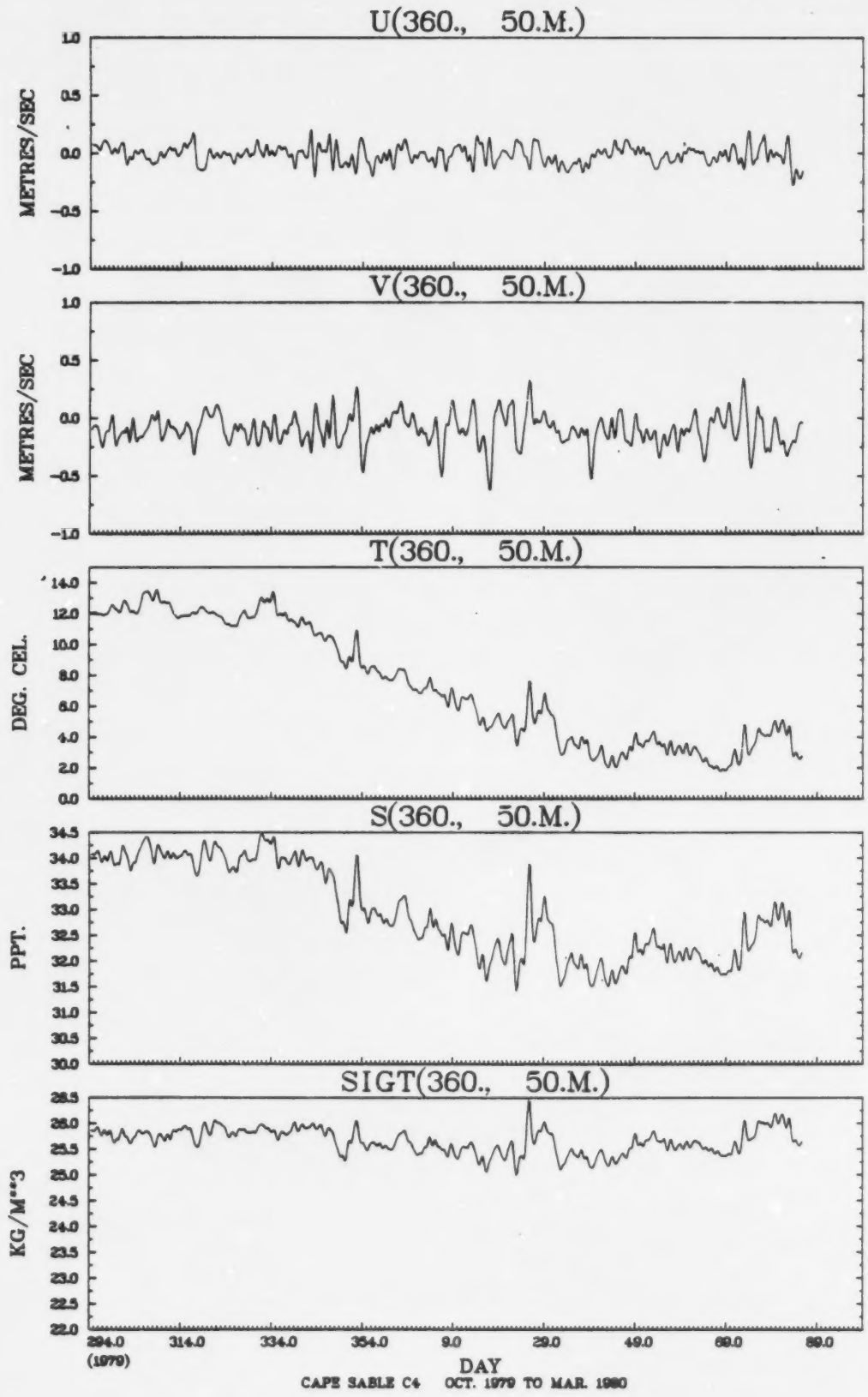
STN. 360, 50 M.



CAPE SABLE C4 OCT. 1979 TO MAR.



CAPE SABLE C4 OCT. 1979 TO MAR. 1980


U(360., 50.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(360., 50.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(360., 50.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(360., 50.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(360., 50.M.)
KG/M**3
28.5
28.0
27.5
27.0
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
294.0
(1979)
314.0
334.0
354.0
9.0
29.0
49.0
69.0
89.0
DAY
CAPE SABLE C4 OCT. 1979 TO MAR. 1980

JOINT DISTRIBUTION (PERCENT)

D(360., 50.M.) VS R(360., 50.M.)

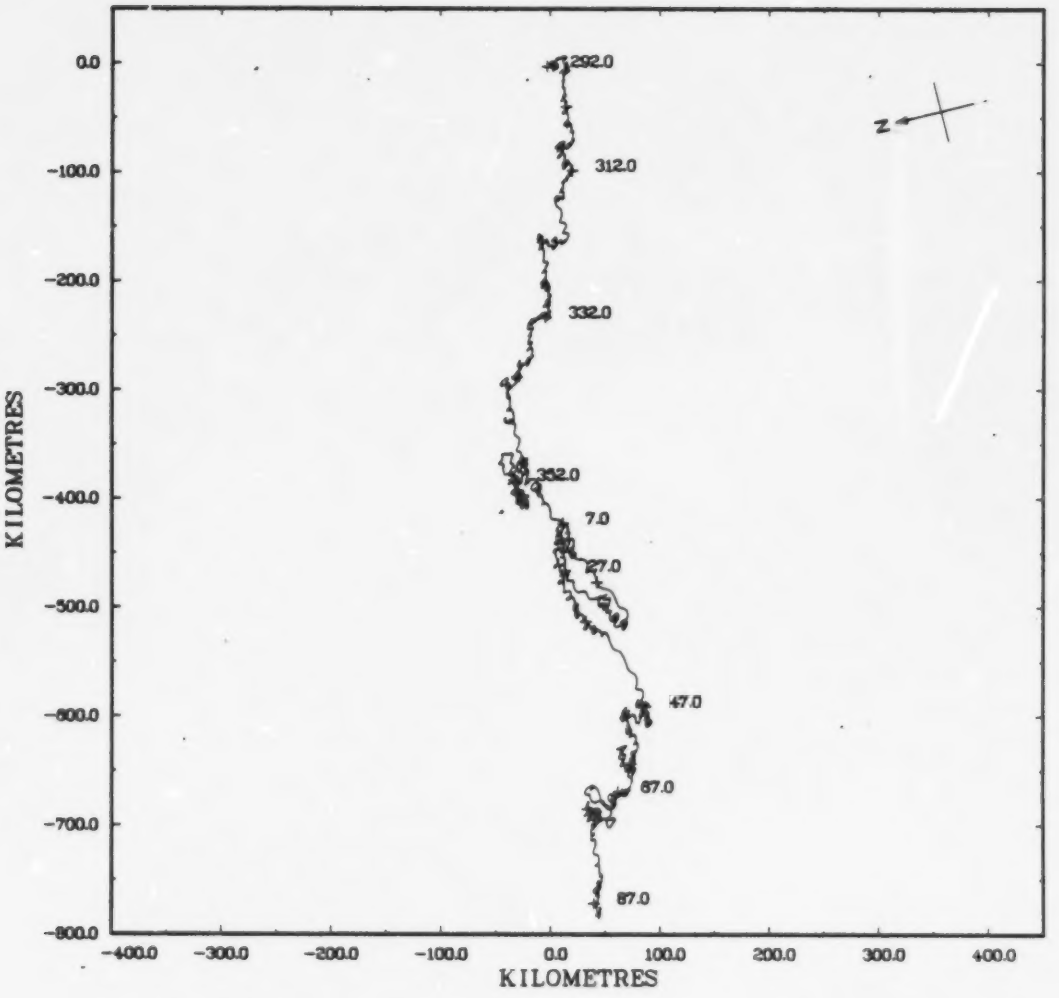
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20	8	*										.2		
1.00 TO	1.10	15	*									.0	.3	.1	
.90 TO	1.00	33	*									.1	.6	.2	
.80 TO	.90	92	*					.1				.2	1.4	.6	
.70 TO	.80	173	*				.2	.1			.0	.3	2.0	1.8	.1
.60 TO	.70	309	*	.0		.1	.8	.6	.2	.0	.2	.6	2.1	3.1	.2
.50 TO	.60	506	*	.1	.1	.3	1.3	1.5	.6	.4	.3	.8	2.5	4.0	.9
.40 TO	.50	804	*	.6	.3	.9	1.9	3.7	1.6	1.0	1.1	1.5	2.6	3.7	1.9
.30 TO	.40	872	*	1.3	1.1	1.5	3.0	3.2	2.4	1.1	1.0	1.4	1.5	2.3	2.6
.20 TO	.30	756	*	1.8	1.4	1.9	1.9	2.0	2.0	1.9	1.4	1.4	1.2	1.0	1.5
.10 TO	.20	293	*	.9	.7	.9	.8	.5	.6	.6	.7	.4	.3	.4	.4
-.00 TO	.10	29	*	.1	.1	.1	.1	.1	.0	.1	.1	.1	.0	.0	.0
OUT OF RANGE		0	0												
SUB TOTAL		3880	0	187	149	217	387	460	288	200	187	267	578	670	290

JOINT DISTRIBUTION (PERCENT)

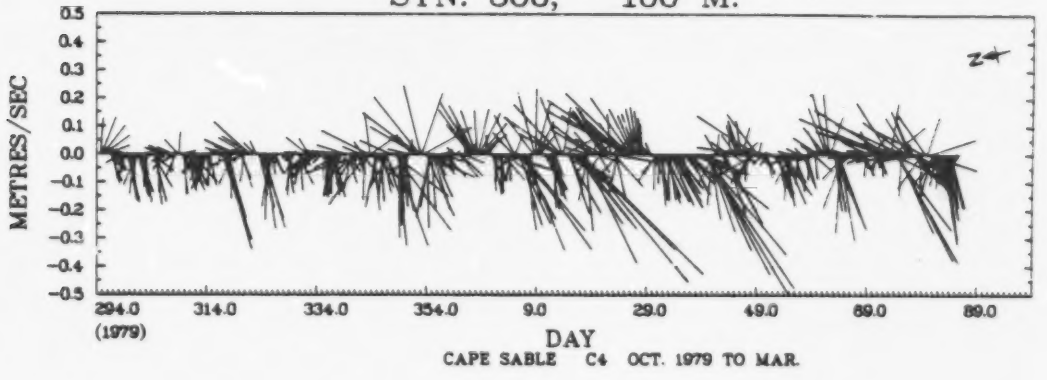
T(360., 50.M.) VS S(360., 50.M.)

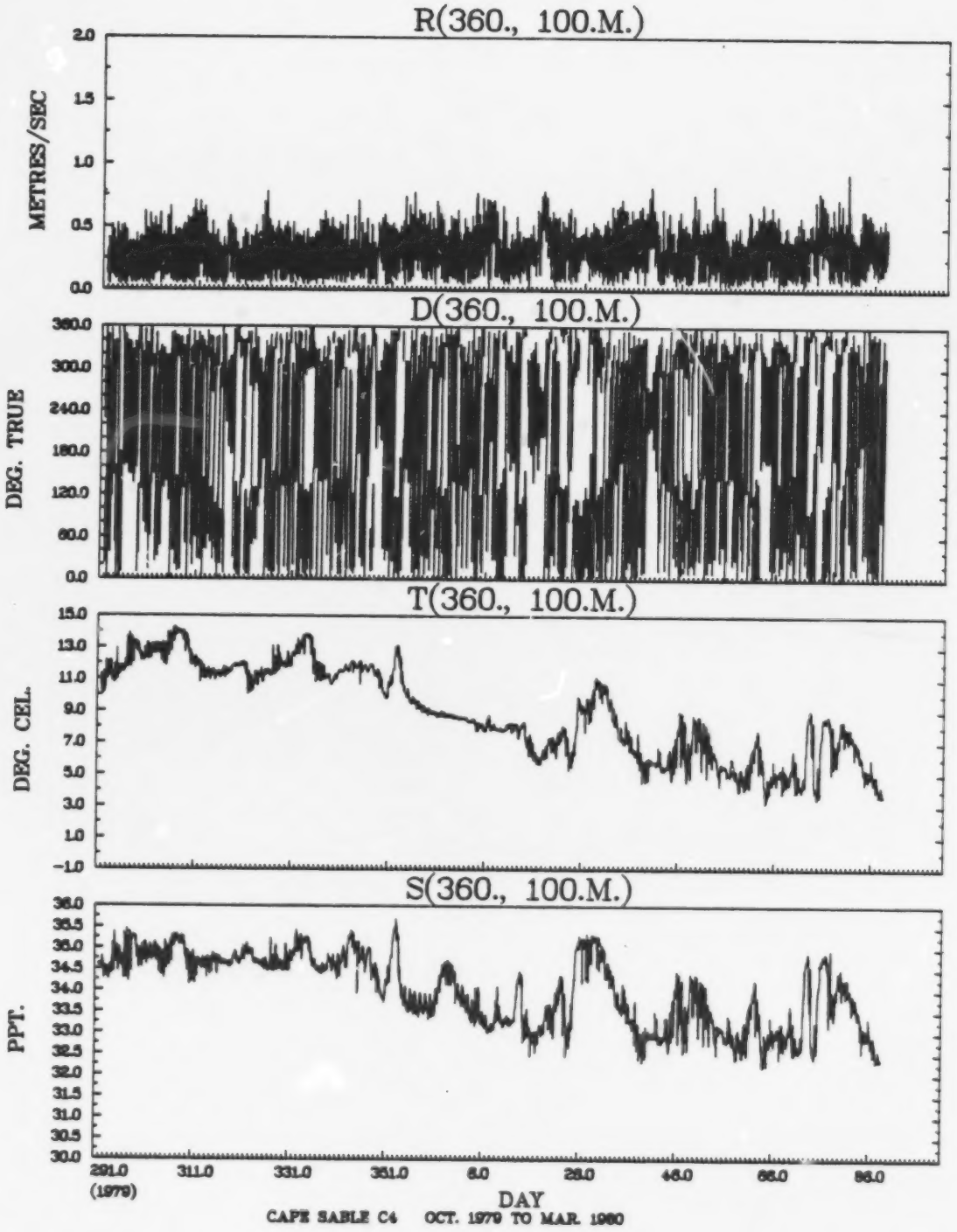
PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50	2	*								.1		
34.50 TO	35.00	97	*						.1	.8	1.6		
34.00 TO	34.50	576	*					.3	.4	11.9	2.3		
33.50 TO	34.00	752	*				.8	.5	3.2	14.6	.2		
33.00 TO	33.50	336	*			.2	2.2	4.1	1.8	.3			
32.50 TO	33.00	533	*			4.2	3.3	6.0	.3				
32.00 TO	32.50	799	*		3.4	11.0	5.0	1.1					
31.50 TO	32.00	681	*		12.0	4.9	.7						
31.00 TO	31.50	104	*		2.2	.5							
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3880	0		683	808	467	467	223	1070	162		

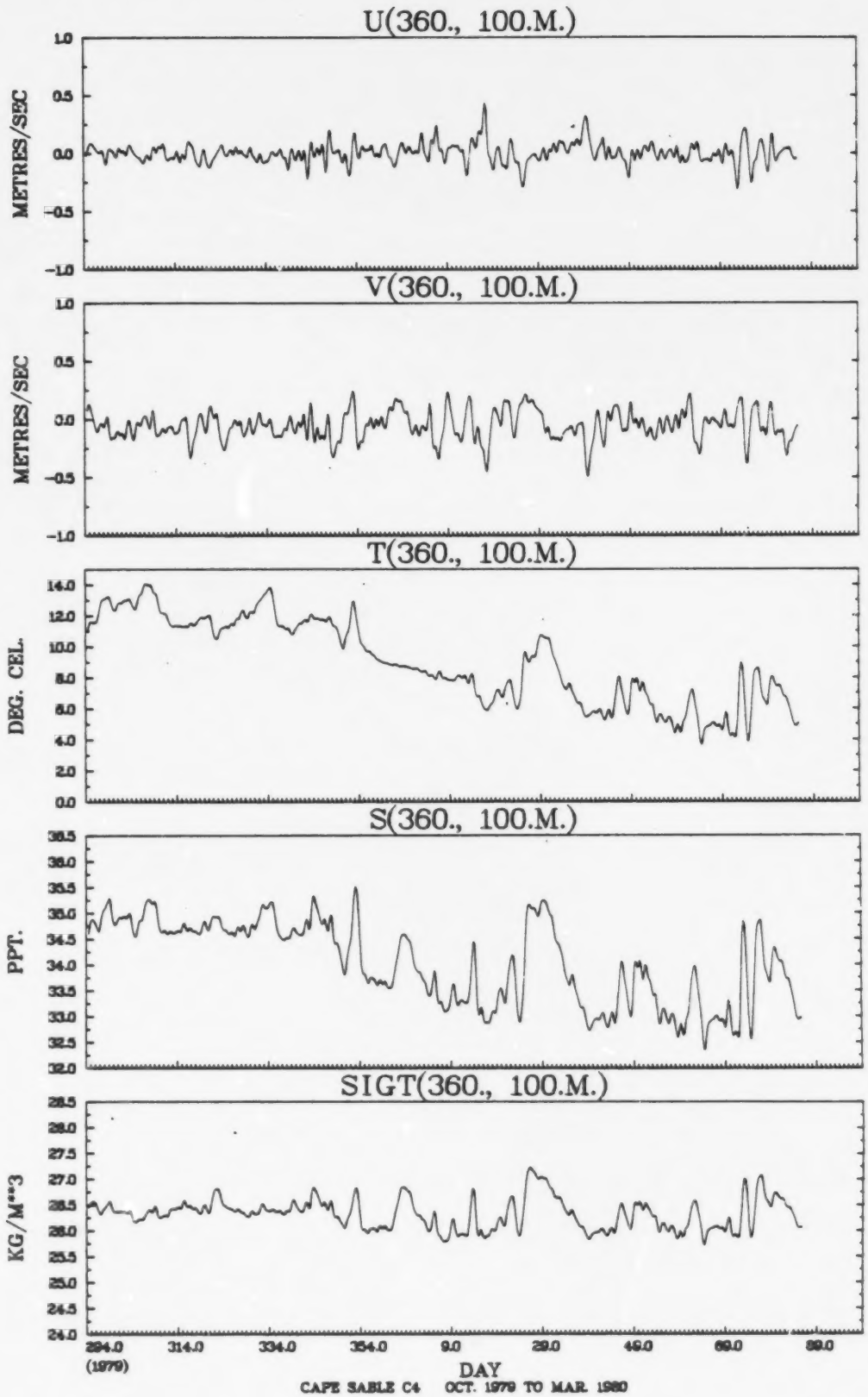
STN. 360, 100 M.



STN. 360, 100 M.




R(360., 100.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(360., 100.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(360., 100.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(360., 100.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
291.0
(1979)
311.0
331.0
351.0
8.0
28.0
46.0
66.0
86.0
DAY
CAPE SABLE C4 OCT. 1979 TO MAR. 1980


U(360., 100.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(360., 100.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(360., 100.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(360., 100.M.)
PPT.
36.5
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
SIGT(360., 100.M.)
KG/M**3
28.5
28.0
27.5
27.0
26.5
26.0
25.5
25.0
24.5
24.0
294.0
(1979)
314.0
334.0
354.0
9.0
29.0
49.0
69.0
89.0
DAY
CAPE SABLE C4 OCT. 1979 TO MAR. 1980

JOINT DISTRIBUTION (PERCENT)

D(360., 100.M.) VS R(360., 100.M.)

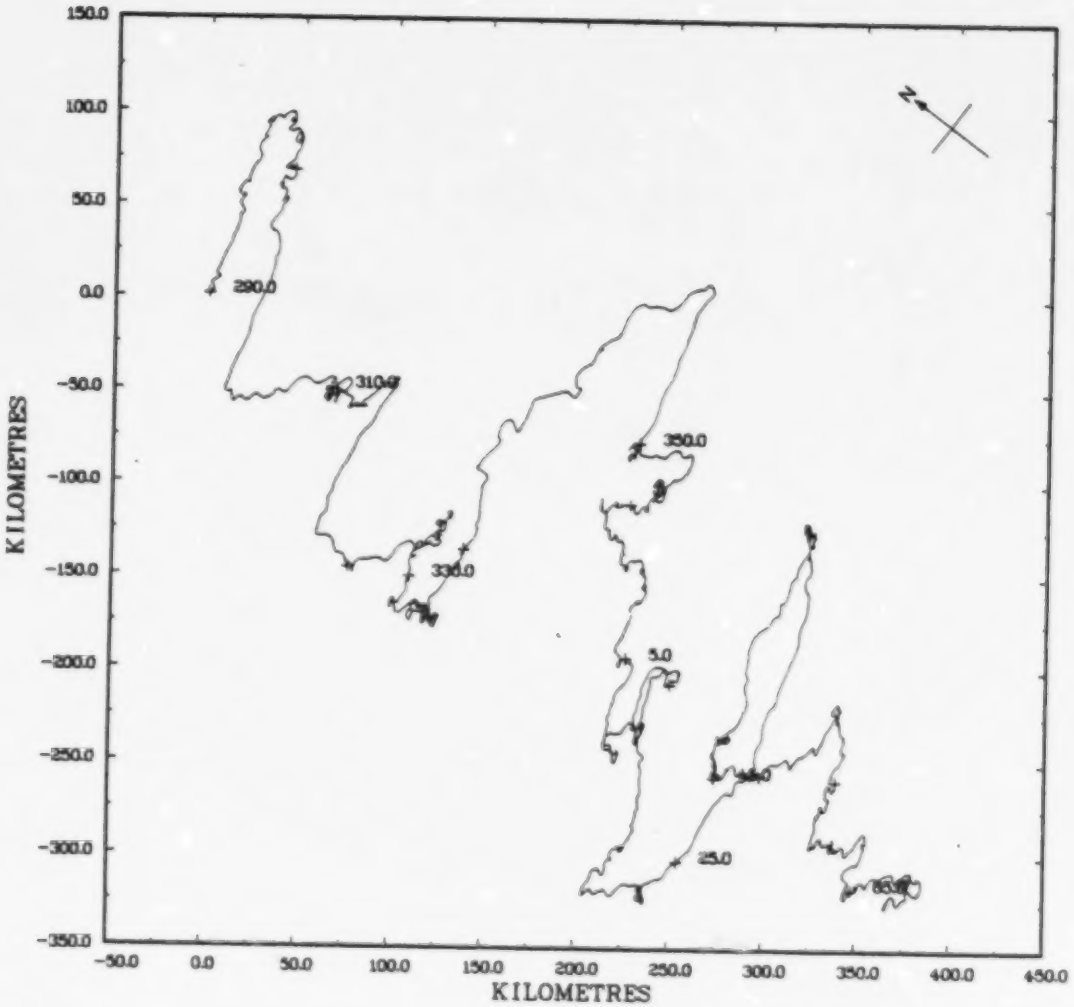
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00	1	*						.0						
.80 TO	.90	2	*						.1						
.70 TO	.80	25	*						.1		.0	.3	.1	.1	
.60 TO	.70	101	*			.0	.1	.1	.3	.2	.0	.3	1.0	.5	.1
.50 TO	.60	293	*			.0	.6	.9	.3	.2	.3	.7	2.1	2.2	.3
.40 TO	.50	685	*	.2	.1	.2	2.0	2.6	1.6	.4	.5	.6	3.2	4.8	1.3
.30 TO	.40	974	*	.9	.1	.9	2.5	3.5	2.5	1.3	.9	1.4	3.0	5.3	3.0
.20 TO	.30	896	*	1.3	1.1	1.2	2.1	3.5	2.3	1.0	1.2	1.1	2.0	3.3	2.9
.10 TO	.20	707	*	1.7	1.3	1.4	1.8	2.2	1.5	1.3	1.0	1.2	1.6	1.5	1.5
-.00 TO	.10	196	*	.7	.6	.5	.3	.2	.3	.6	.5	.3	.4	.3	.4
OUT OF RANGE		0	0												
SUB TOTAL		3880	0	187	126	165	364	503	348	195	176	232	520	696	368

JOINT DISTRIBUTION (PERCENT)

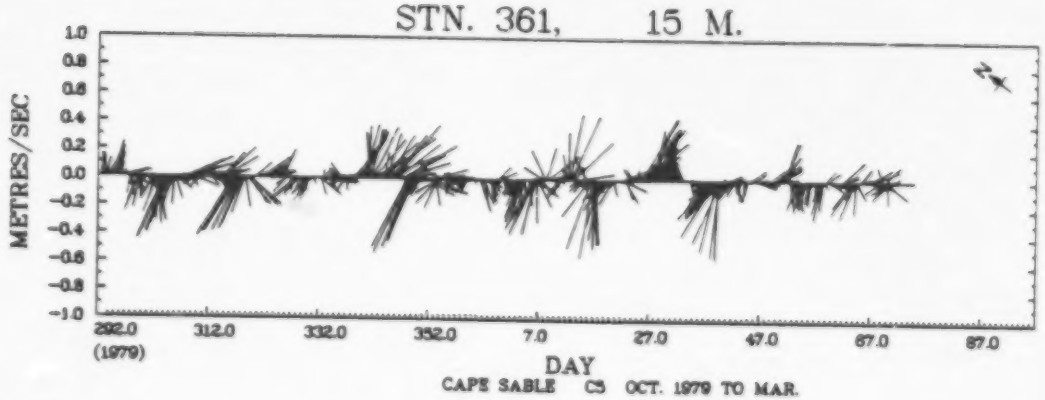
T(360., 100.M.) VS S(360., 100.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00	2	*							.0	.0		
35.00 TO	35.50	433	*					.1	2.6	3.1	5.4		
34.50 TO	35.00	1092	*					2.5	4.0	20.4	1.3		
34.00 TO	34.50	521	*				.1	7.8	1.6	3.9			
33.50 TO	34.00	589	*				3.2	8.6	3.4				
33.00 TO	33.50	657	*			.1	10.7	5.8	.3				
32.50 TO	33.00	533	*			6.9	6.8						
32.00 TO	32.50	53	*			1.4							
31.50 TO	32.00		*										
31.00 TO	31.50		*										
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3880	0			324	808	962	461	1067	258		

STN. 361, 15 M.

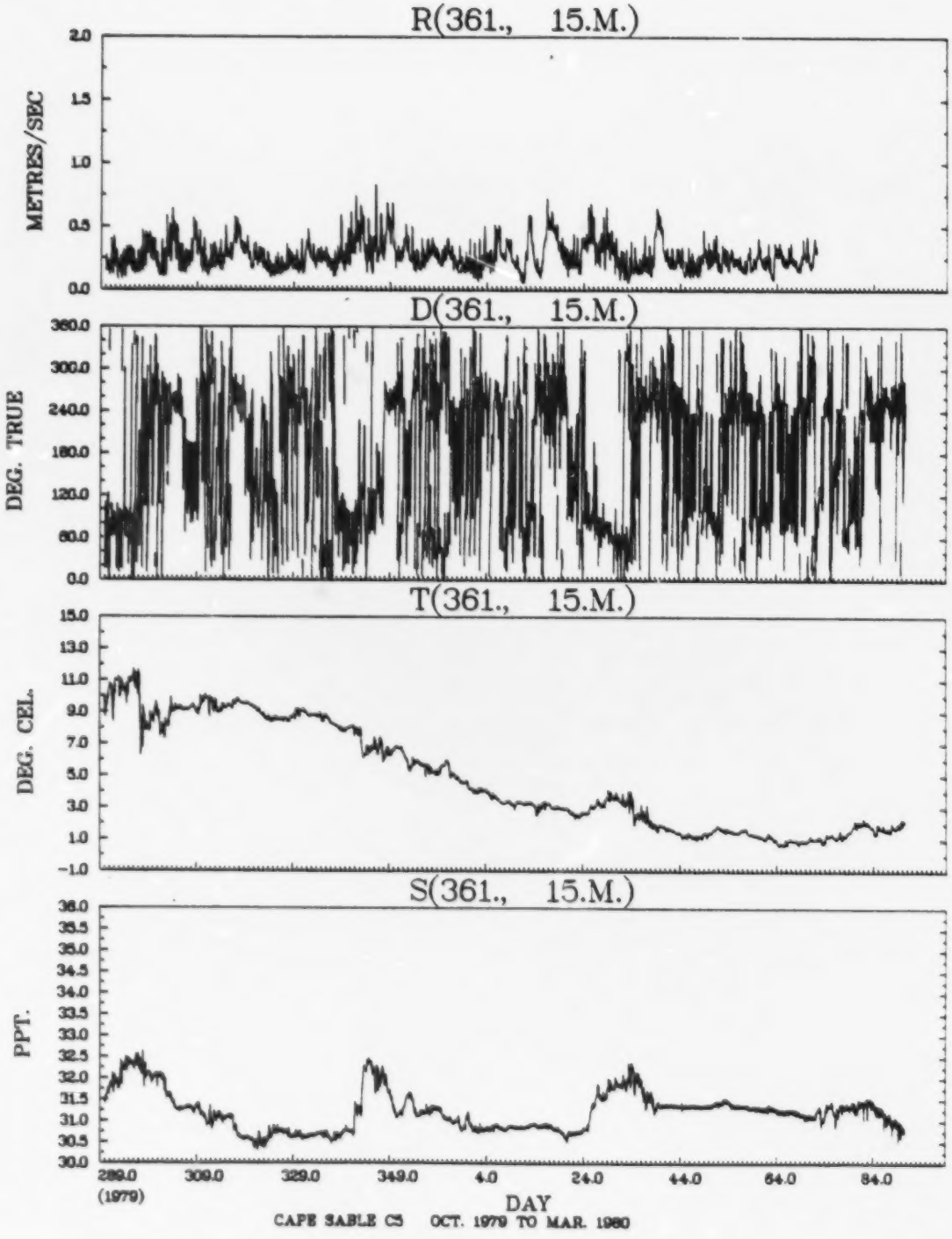


STN. 361, 15 M.

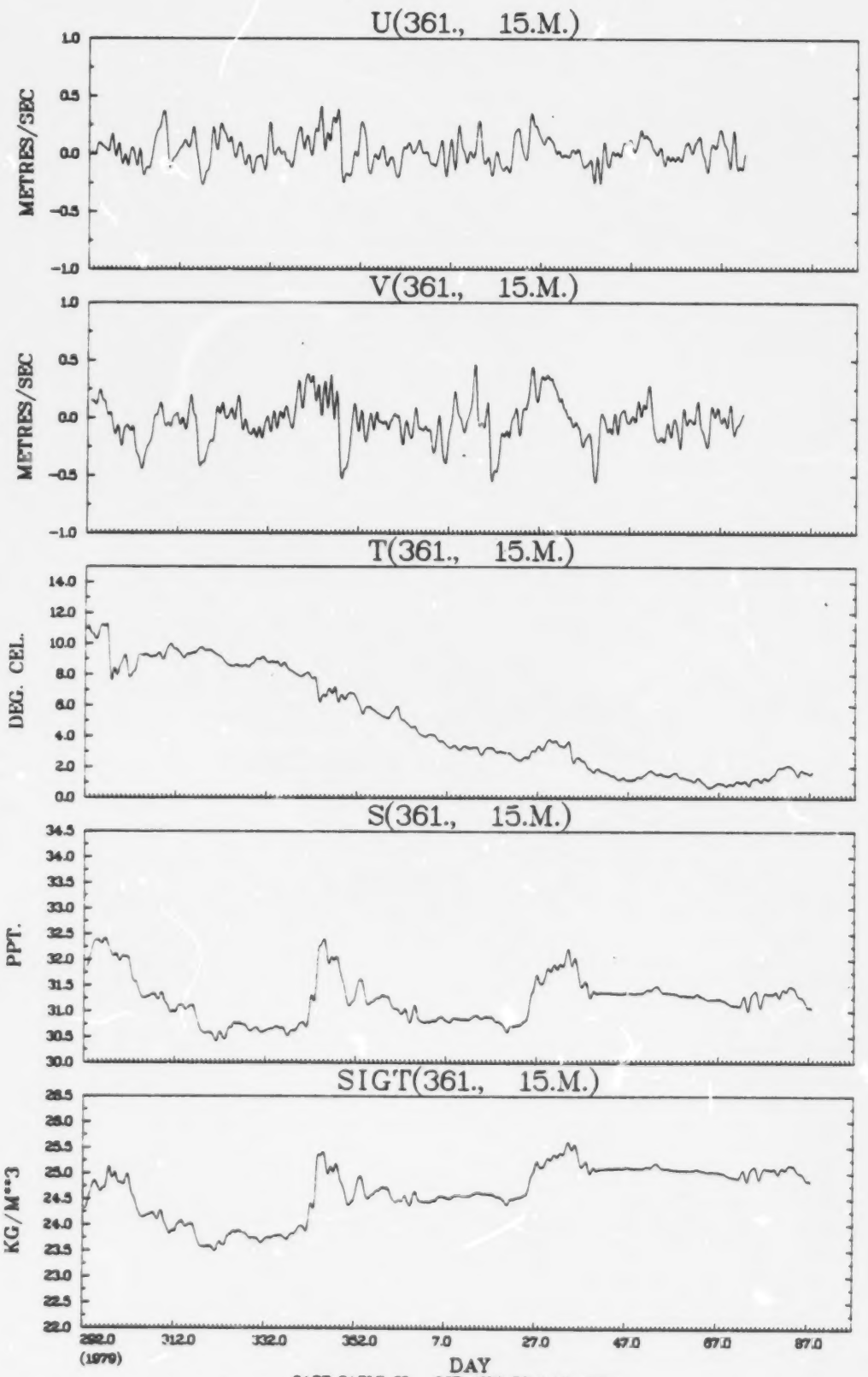


CAPE SABLE C5 OCT. 1979 TO MAR.

Rotor lost on day 72 (1980)



Rotor lost on day 72 (1980)



Rotor lost on day 72 (1980)

JOINT DISTRIBUTION (PERCENT)

D(361., 15.M.) VS R(361., 15.M.)

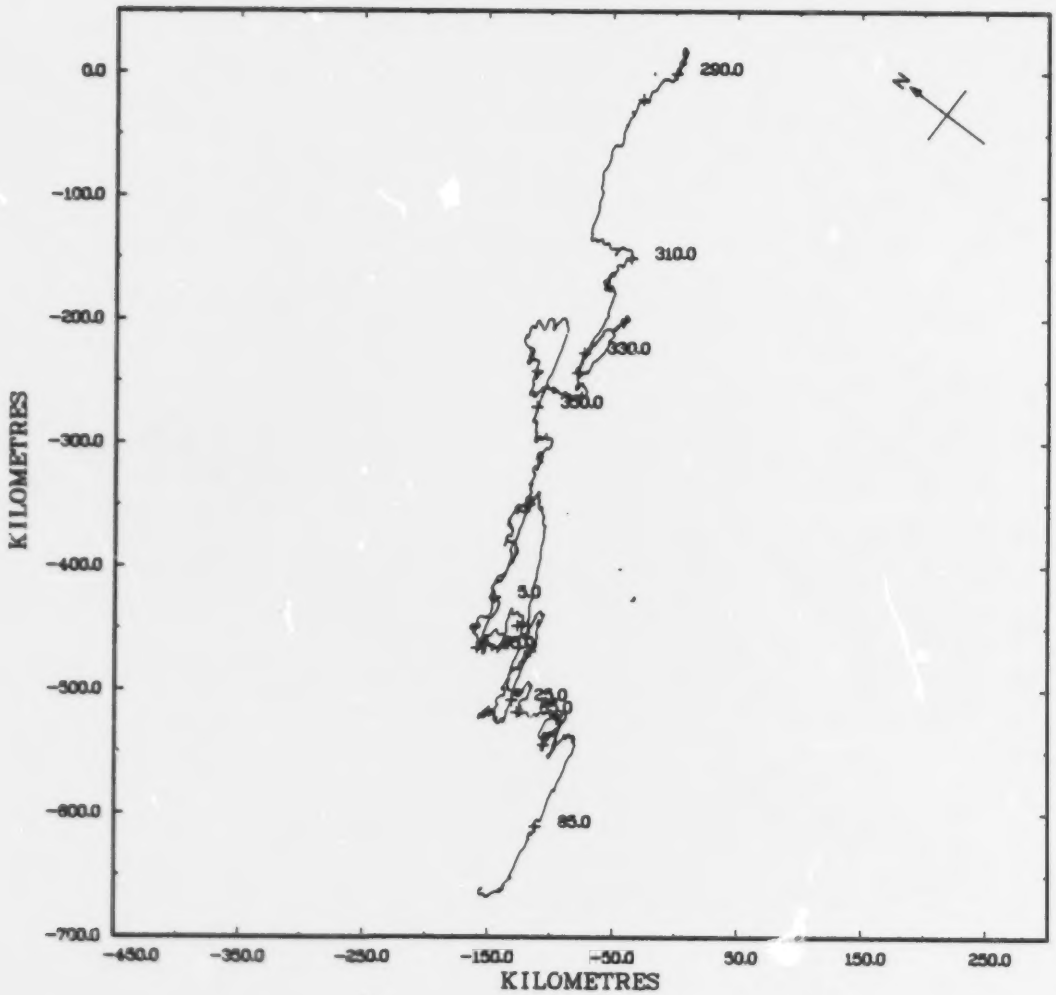
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90	2	*			.1									
.70 TO	.80	4	*			.1	.0					.0			
.60 TO	.70	32	*			.3	.1				.1	.4			
.50 TO	.60	126	*		.1	.8	.5	.2	.0	.0	.6	1.2	.1		
.40 TO	.50	266	*	.0	.1	1.6	1.2	.3	.1	.1	.5	2.7	.7	.0	.0
.30 TO	.40	697	*	.5	1.2	4.3	2.7	1.2	.6	.5	1.3	5.2	1.8	.4	.2
.20 TO	.30	1342	*	1.3	2.4	5.1	5.4	2.6	2.2	2.2	5.4	6.8	3.0	.8	.8
.10 TO	.20	957	*	1.7	1.9	2.8	2.2	2.1	2.2	2.1	3.6	3.5	2.4	1.2	1.4
-.00 TO	.10	108	*	.3	.2	.2	.3	.3	.4	.3	.2	.1	.2	.2	.3
OUT OF RANGE		0	0												
SUB TOTAL		3534	0	133	212	537	440	234	194	187	415	706	288	92	96

JOINT DISTRIBUTION (PERCENT)

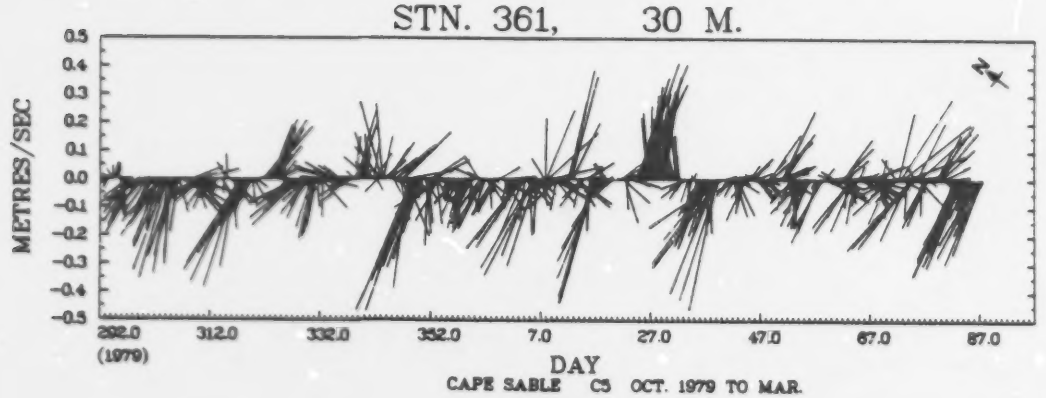
T(361., 15.M.) VS S(361., 15.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	4	*						.1				
32.00 TO	32.50	329	*		.3	.7	2.1	2.1	2.1	.9			
31.50 TO	32.00	459	*		2.0	4.1	1.8	1.8	1.5	.4			
31.00 TO	31.50	1819	*	4.5	25.6	1.3	6.6	1.2	6.7				
30.50 TO	31.00	1318	*	.1	6.4	11.3	.4	10.3	4.6				
30.00 TO	30.50	45	*					.6	.6				
OUT OF RANGE		0	0										
SUB TOTAL		3974	0	181	1366	690	437	637	612	51			

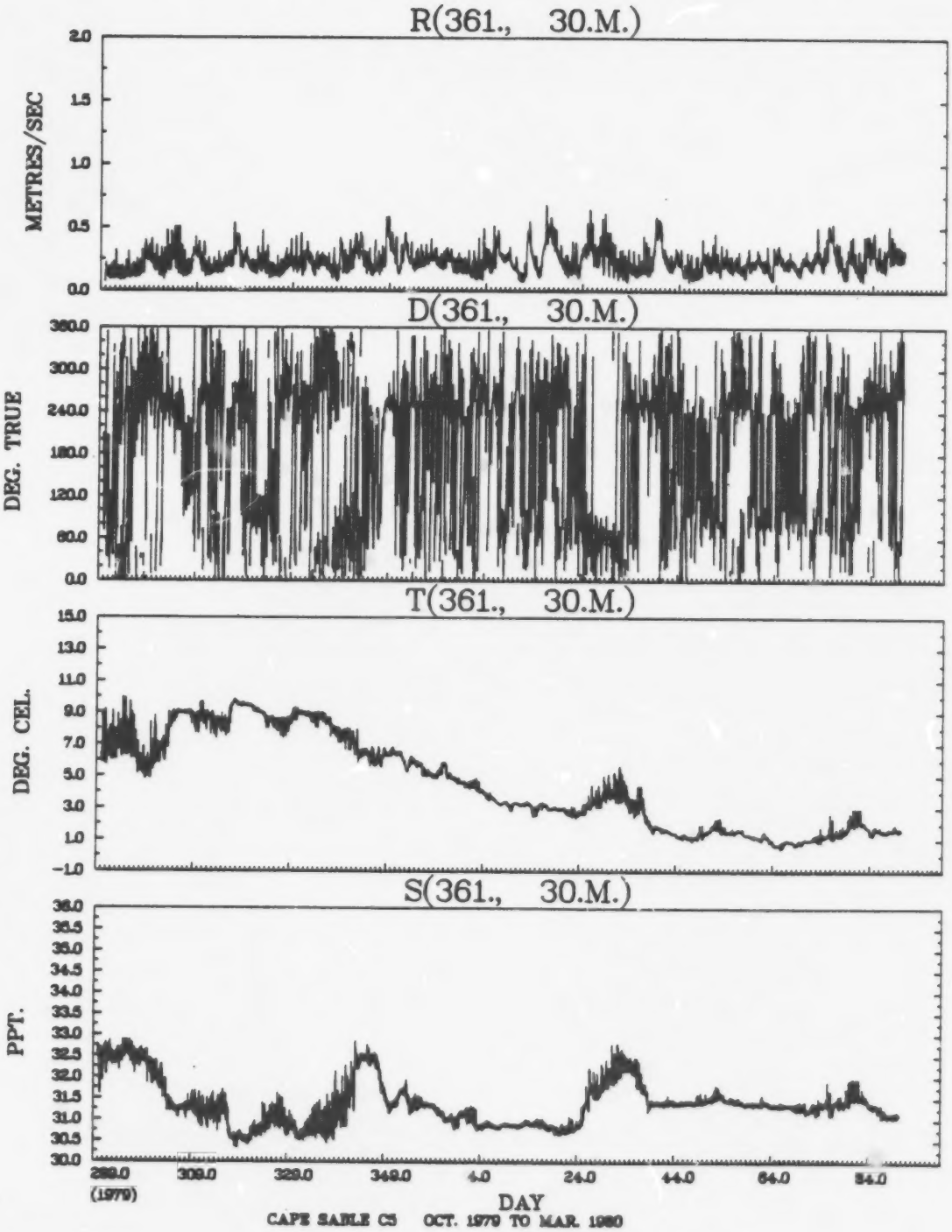
STN. 361, 30 M.

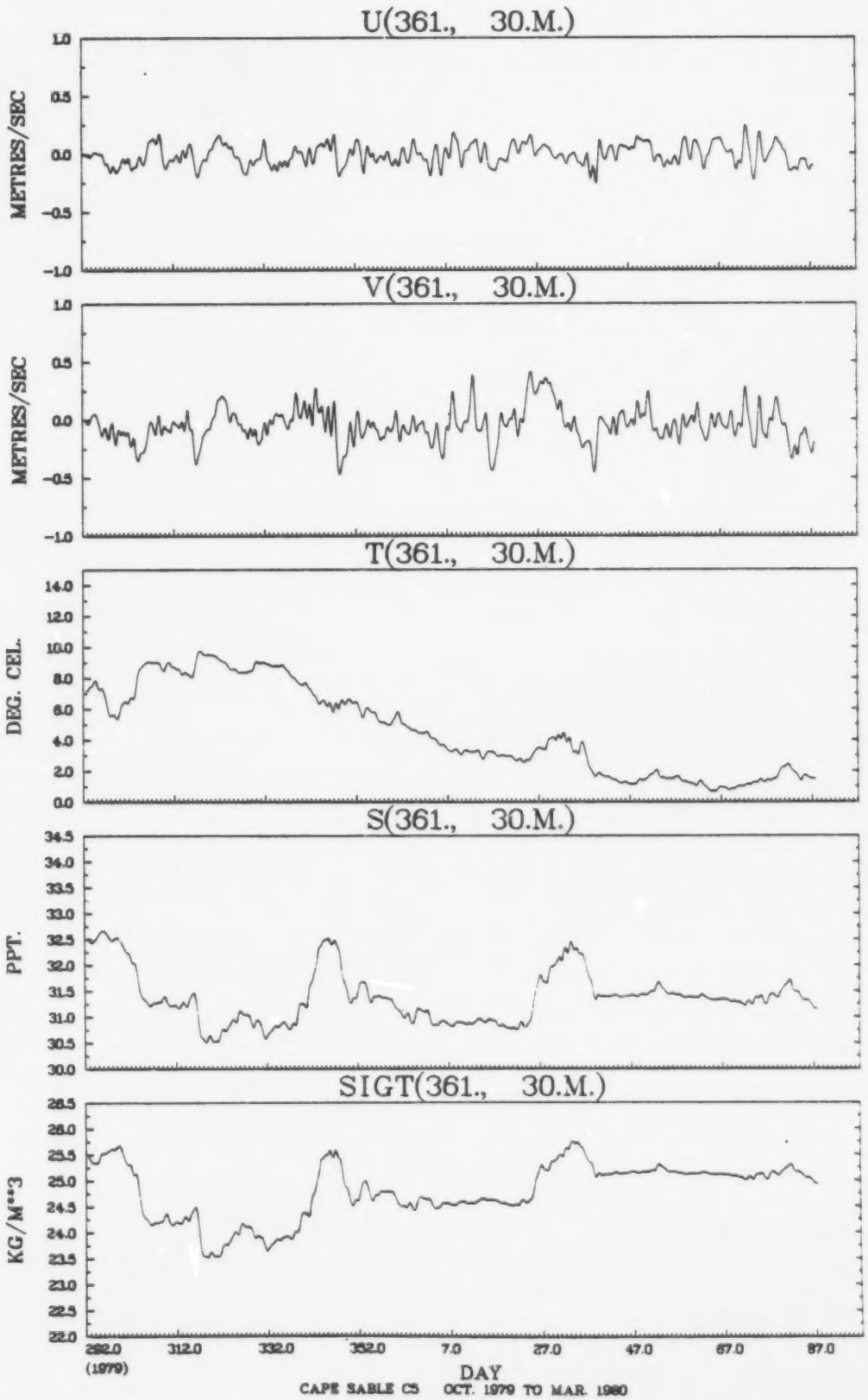


STN. 361, 30 M.



CAPE SABLE C5 OCT. 1979 TO MAR.


R(361., 30.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(361., 30.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(361., 30.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(361., 30.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
289.0
(1979)
309.0
329.0
349.0
4.0
24.0
44.0
64.0
84.0
DAY
CAPE SABLE CS OCT. 1979 TO MAR. 1980


U(361., 30.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(361., 30.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(361., 30.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(361., 30.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(361., 30.M.)
KG/M**3
23.5
23.0
22.5
22.0
292.0
(1979)
312.0
332.0
352.0
7.0
27.0
47.0
67.0
87.0
DAY
CAPE SABLE CS OCT. 1979 TO MAR. 1980

JOINT DISTRIBUTION (PERCENT)

D(361., 30.M.) VS R(361., 30.M.)

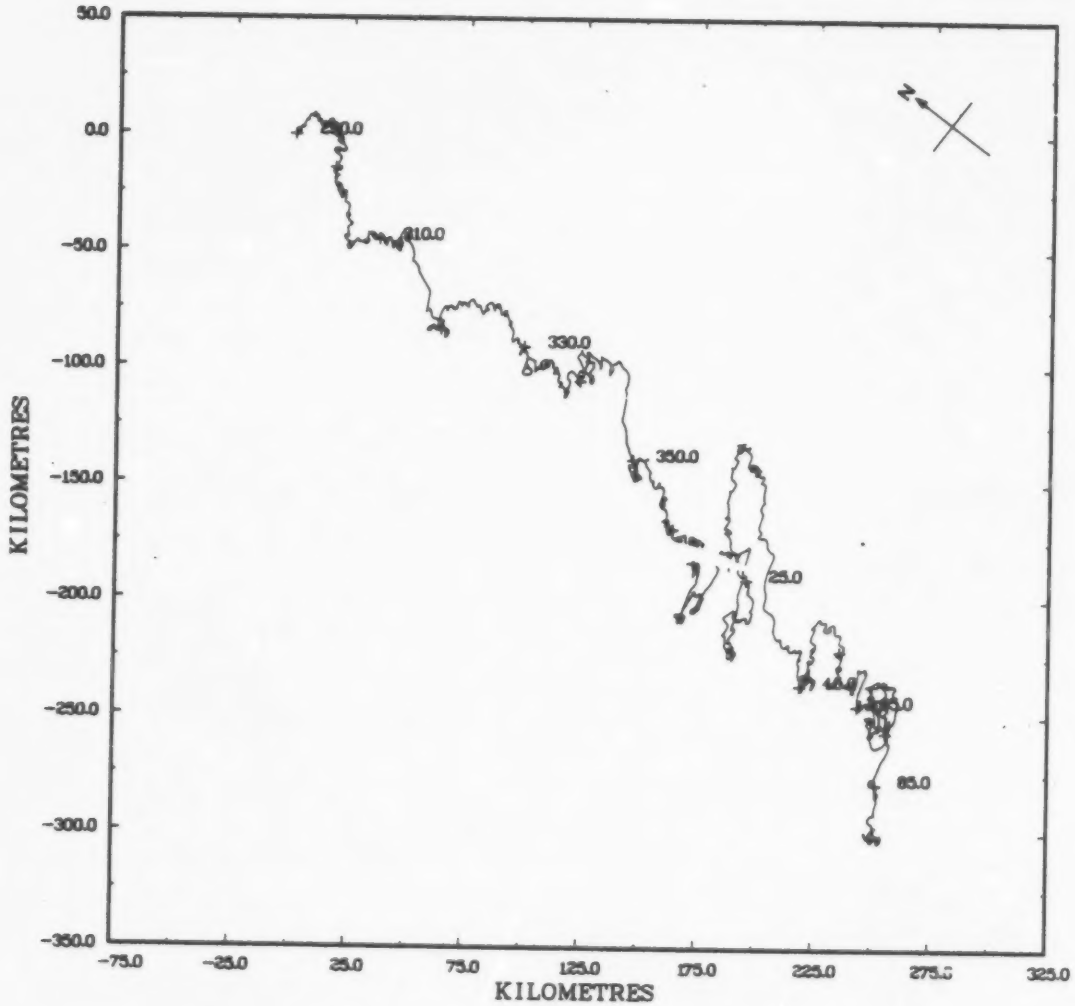
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90		*												
.70 TO	.80		*												
.60 TO	.70	6	*			.1						.1			
.50 TO	.60	54	*		.0	.3					.2	.8	.1		
.40 TO	.50	202	*	.1	.3	1.0	.2	.0		.1	.3	2.6	.5	.2	.1
.30 TO	.40	538	*	.2	1.1	2.6	.9	.2	.2	.1	.7	6.2	1.2	.1	.1
.20 TO	.30	1510	*	.9	2.2	5.8	4.5	1.3	.7	1.5	4.2	11.0	3.6	1.5	.8
.10 TO	.20	1487	*	2.0	3.0	3.7	3.2	2.3	2.4	2.9	4.9	6.0	3.3	1.8	1.7
-.00 TO	.10	177	*	.4	.3	.5	.5	.2	.4	.5	.4	.5	.2	.4	.3
OUT OF RANGE		0	0												
SUB TOTAL		3974	0	139	270	558	369	161	150	201	417	1078	356	157	118

JOINT DISTRIBUTION (PERCENT)

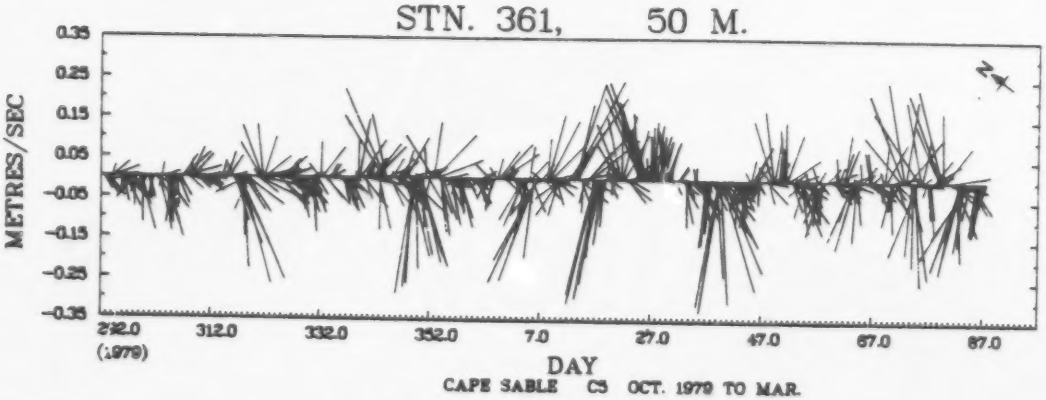
T(361., 30.M.) VS S(361., 30.M.)

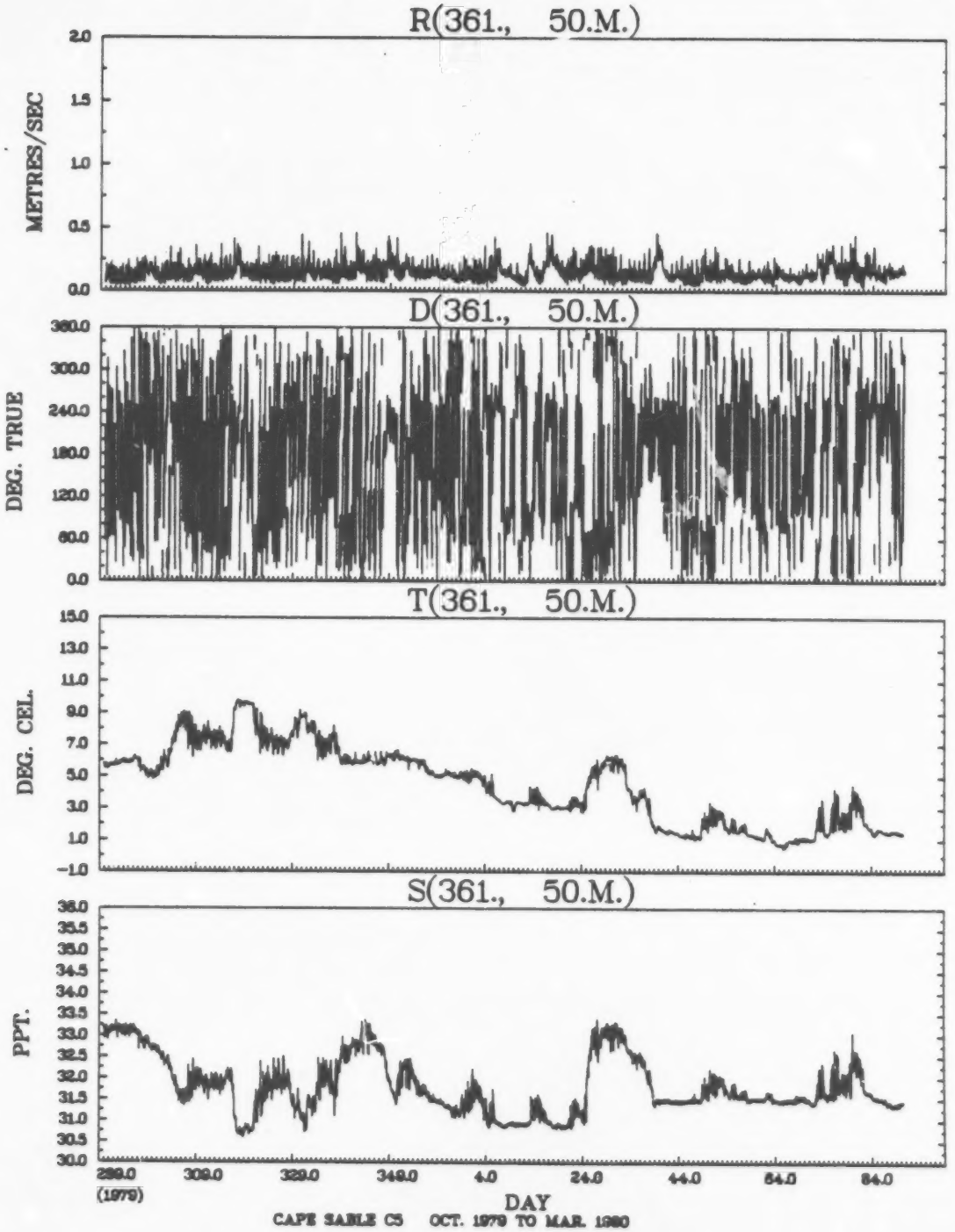
PPT.	DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	191	*			.3	3.6	.9	.1				
32.00 TO	32.50	410	*		.3	3.1	5.5	1.3	.1				
31.50 TO	32.00	453	*		4.3	2.8	2.6	1.7					
31.00 TO	31.50	1886	*	4.4	23.5	3.5	5.5	8.5	2.0				
30.50 TO	31.00	1018	*		4.6	9.7	.2	7.1	4.0				
30.00 TO	30.50	16	*					.0	.4				
OUT OF RANGE		0	0										
SUB TOTAL		3974	0	176	1301	771	691	775	260				

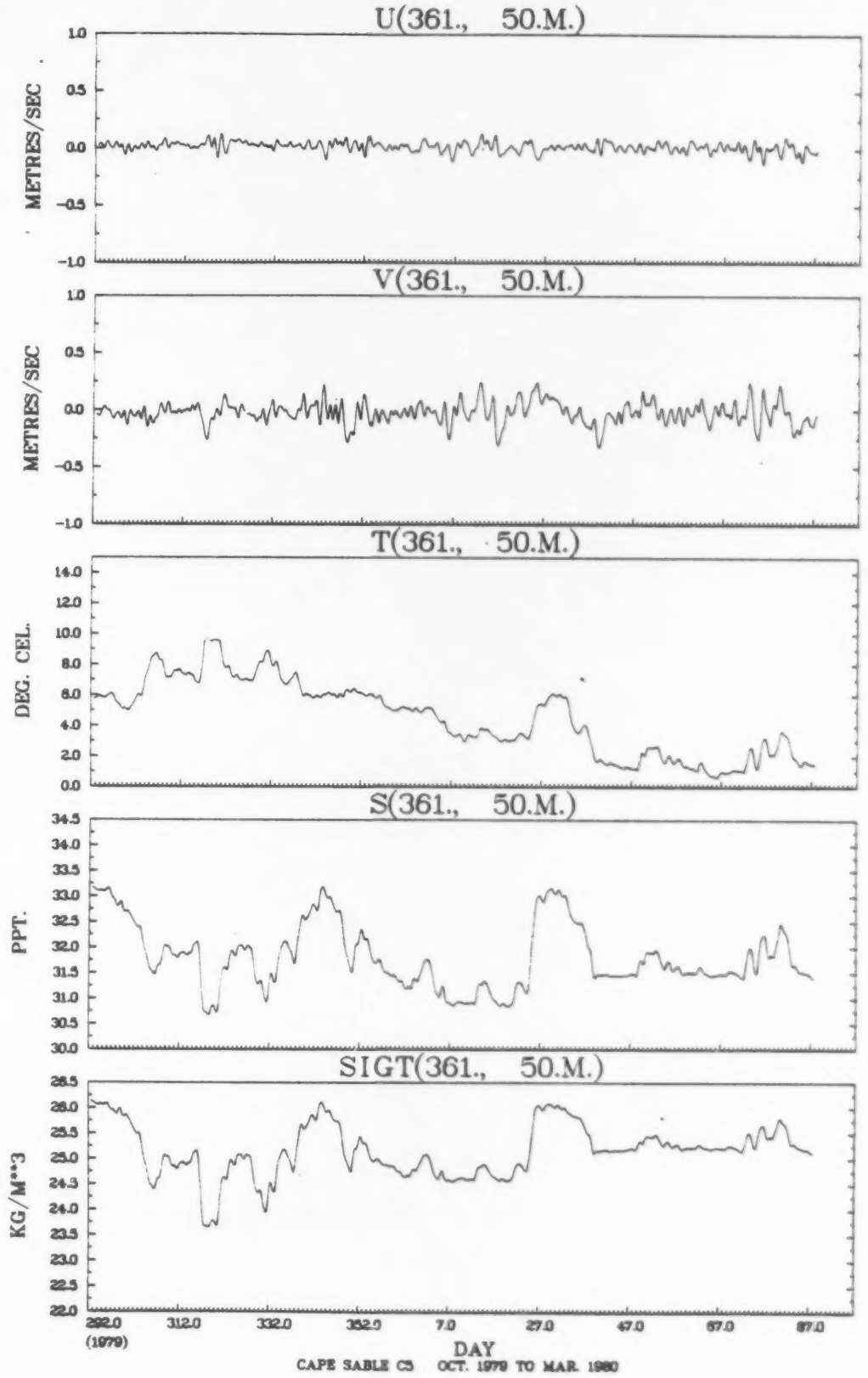
STN. 361, 50 M.



STN. 361, 50 M.




R(361., 50.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(361., 50.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(361., 50.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(361., 50.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
289.0
(1979)
309.0
329.0
349.0
4.0
24.0
44.0
64.0
84.0
DAY
CAPE SABLE C5 OCT. 1979 TO MAR. 1980


U(361., 50.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(361., 50.M.)
METRES/SEC
T(361., 50.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(361., 50.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(361., 50.M.)
KG/M**3
28.5
28.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
292.0
(1979)
312.0
332.0
352.0
7.0
27.0
47.0
67.0
87.0
DAY
CAPE SABLE C5 OCT. 1979 TO MAR. 1980

JOINT DISTRIBUTION (PERCENT)

D(361., 50.M.) VS R(361., 50.M.)

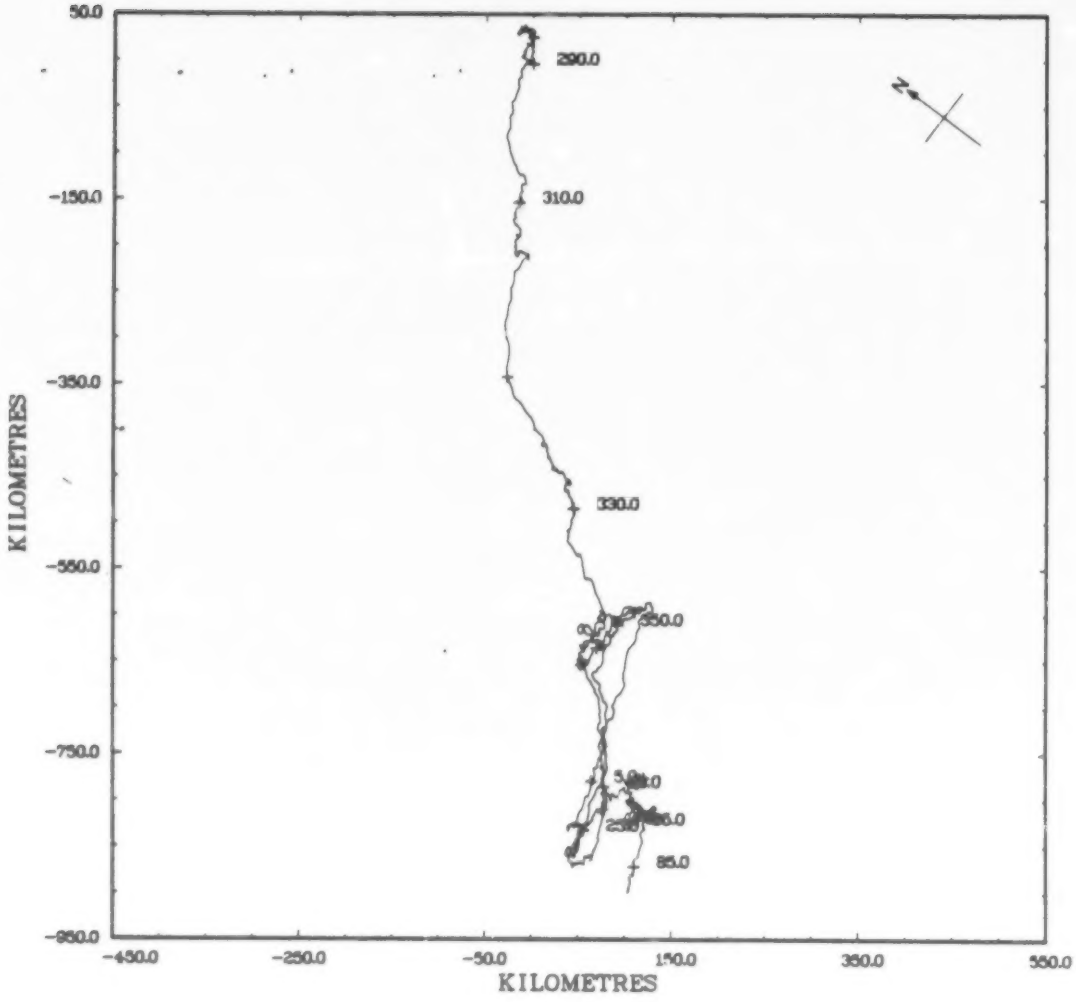
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90		*												
.70 TO	.80		*												
.60 TO	.70		*												
.50 TO	.60		*												
.40 TO	.50	16	*			.1					.0	.3			
.30 TO	.40	127	*	.1	.4	.7	.1		.1	.2	.6	1.2			
.20 TO	.30	672	*	.8	1.6	3.0	1.5	.2	.4	1.6	3.0	4.4	.3	.2	.1
.10 TO	.20	2368	*	2.4	3.6	7.7	6.7	4.5	4.4	5.8	8.6	7.1	4.2	2.9	1.7
-.00 TO	.10	791	*	1.4	1.2	1.7	1.4	1.6	2.1	2.1	2.2	1.8	1.6	1.2	1.4
OUT OF RANGE		0	0												
SUB TOTAL		3974	0	188	269	521	383	252	274	385	574	590	242	169	127

JOINT DISTRIBUTION (PERCENT)

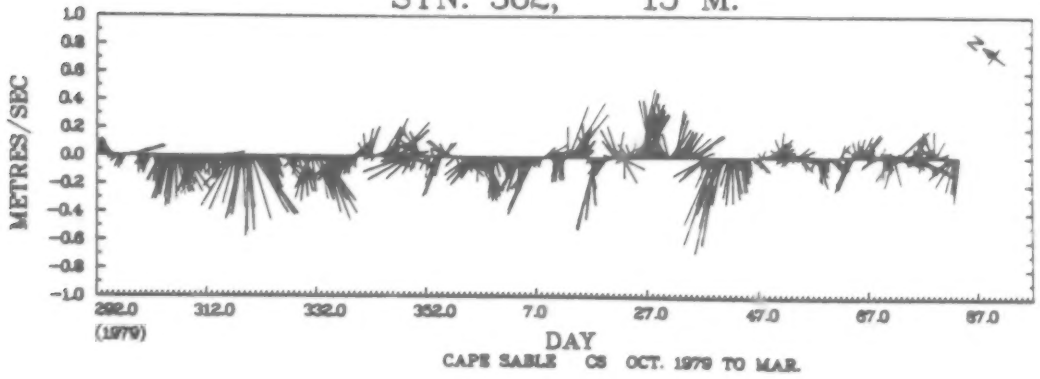
T(361.. 50.M.) VS S(361.. 50.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50	317	*				8.0						
32.50 TO	33.00	431	*			2.4	8.5						
32.00 TO	32.50	498	*		1.0	3.6	7.2	.8					
31.50 TO	32.00	1216	*	.2	14.7	.7	5.4	9.7					
31.00 TO	31.50	1105	*	2.5	11.2	6.4	3.5	3.9	.3				
30.50 TO	31.00	407	*		.9	6.9		.2	2.2				
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3974	0	107	1105	791	1291	579	101				

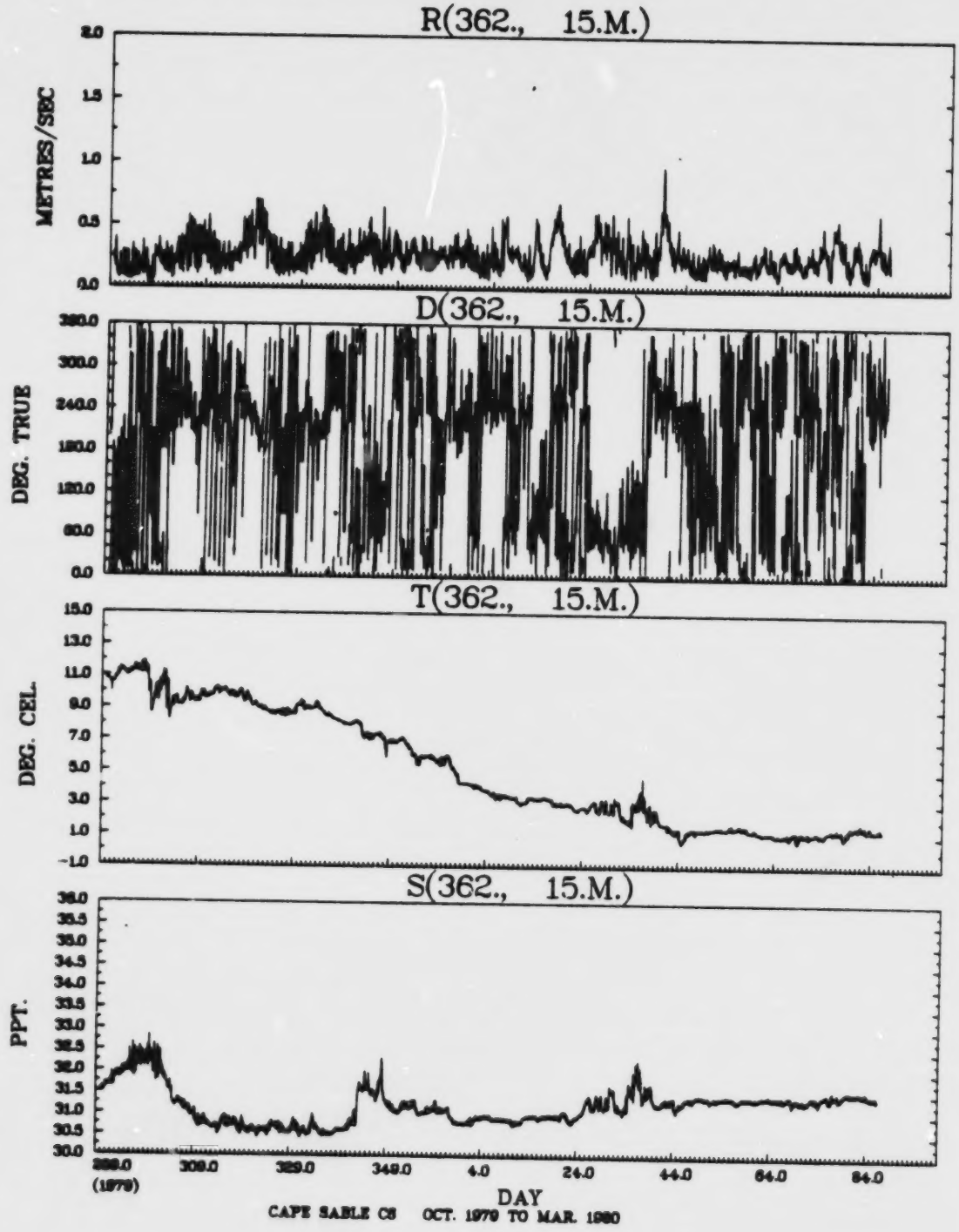
STN. 362, 15 M.

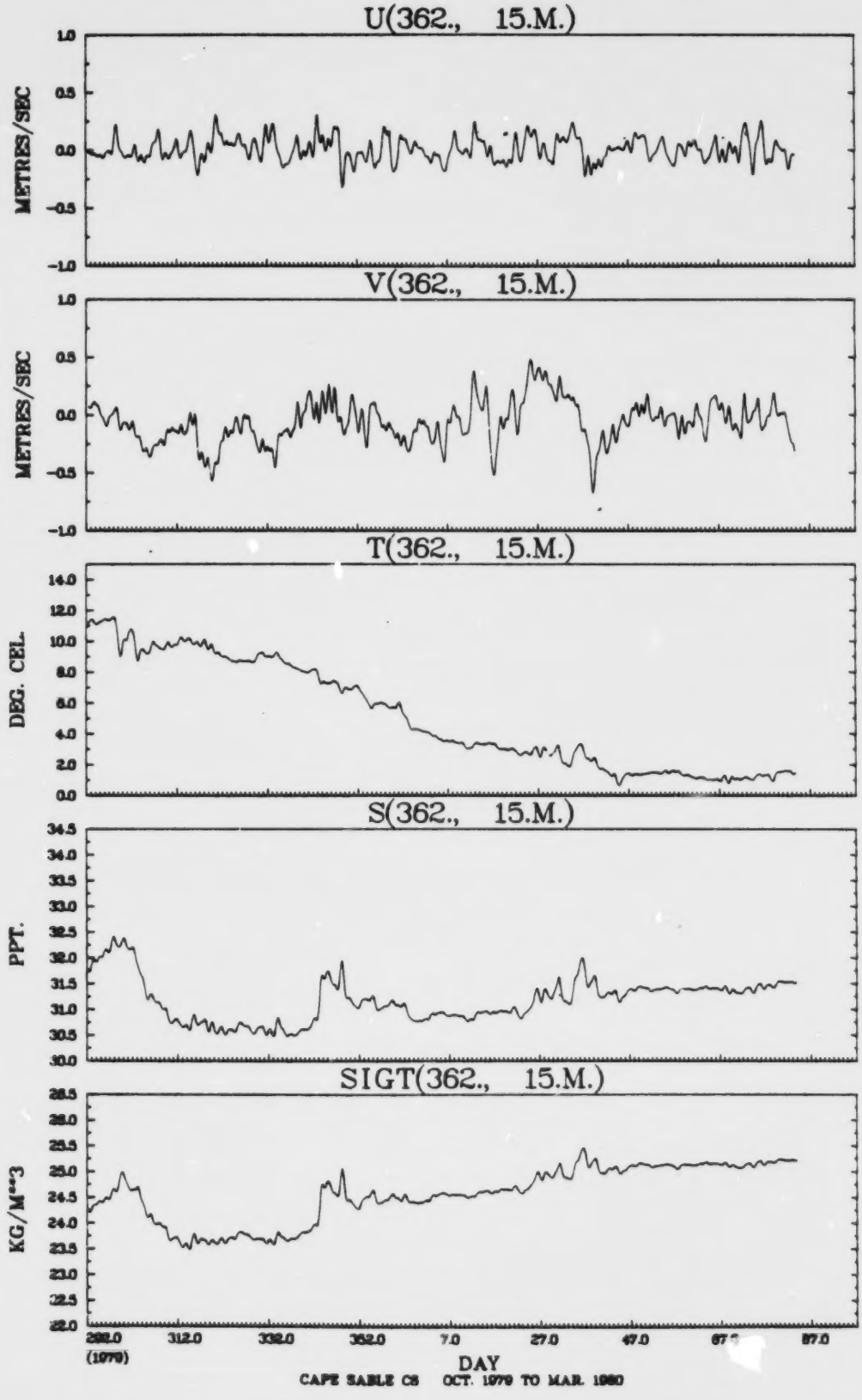


STN. 362, 15 M.



CAPE SABLE CS OCT. 1979 TO MAR.


R(362., 15.M.)
METRES/SEC
D(362., 15.M.)
DEG. TRUE
T(362., 15.M.)
DEG. CEL.
S(362., 15.M.)
PPT.
(1979)
DAY
CAPE SABLE CS OCT. 1979 TO MAR. 1980


U(362., 15.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(362., 15.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(362., 15.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(362., 15.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(362., 15.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
292.0
(1979)
312.0
332.0
352.0
7.0
27.0
47.0
87.0
DAY
CAPE SABLE CS OCT. 1979 TO MAR. 1980

JOINT DISTRIBUTION (PERCENT)

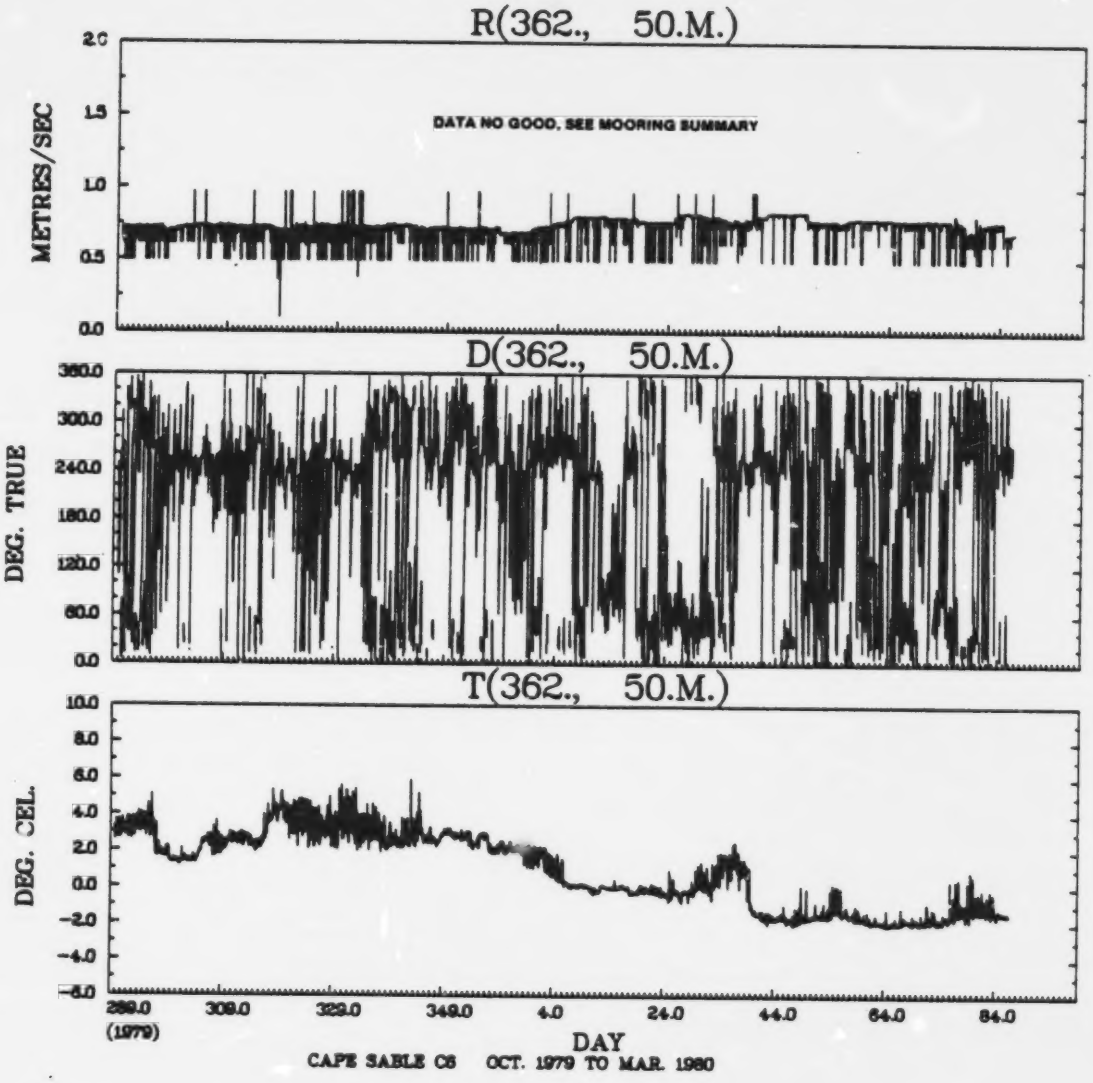
D(362.. 15.M.) VS R(362.. 15.M.)

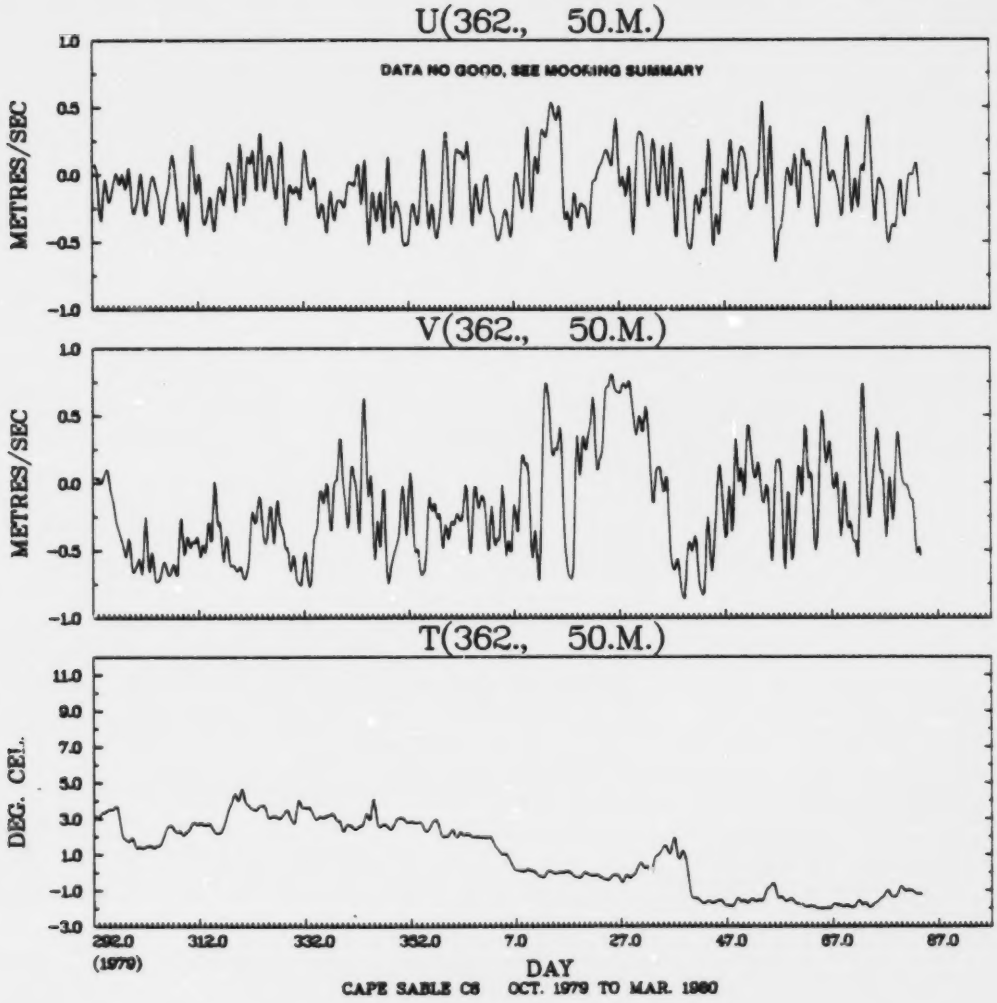
METRES/SEC	DEG. TRUE	SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00	3	*								.1	.0			
.80 TO	.90	1	*								.0				
.70 TO	.80	3	*								.0	.1			
.60 TO	.70	35	*		.1	.1				.1	.4	.3			
.50 TO	.60	142	*	.1	.4	.5	.1		.1	.3	1.1	1.2	.1		
.40 TO	.50	309	*	.2	.8	1.2	.5	.2	.0	.7	1.9	1.7	.5	.1	.1
.30 TO	.40	764	*	1.1	2.0	2.0	1.0	.4	.6	2.0	5.5	3.5	.8	.2	.5
.20 TO	.30	1352	*	2.7	3.3	2.9	1.9	1.9	1.3	3.9	7.4	4.6	2.5	1.3	1.2
.10 TO	.20	1122	*	2.5	2.3	2.1	1.6	2.0	2.2	2.8	3.1	3.3	2.4	2.1	2.5
-.00 TO	.10	150	*	.3	.2	.4	.3	.4	.6	.5	.2	.1	.3	.3	.3
OUT OF RANGE		0	0												
SUB TOTAL		3881	0	263	347	354	208	190	187	402	764	576	255	155	180

JOINT DISTRIBUTION (PERCENT)

T(362., 15.M.) VS S(362., 15.M.)

PPT. DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50		*										
33.50 TO 34.00		*										
33.00 TO 33.50		*										
32.50 TO 33.00	9	*						.1	.2			
32.00 TO 32.50	183	*		.1	.2	.2	.2	2.0	2.1			
31.50 TO 32.00	491	*		4.8	1.2	.3	2.2	2.4	1.8			
31.00 TO 31.50	1741	*	2.9	28.1	1.7	7.1	2.1	2.9				
30.50 TO 31.00	1408	*		2.9	13.0	.6	9.4	10.3				
30.00 TO 30.50	49	*					1.2	.1				
OUT OF RANGE	0	0										
SUB TOTAL	3881	0	112	1393	625	317	587	689	158			


R(362., 50.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
DATA NO GOOD. SEE MOORING SUMMARY
D(362., 50.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(362., 50.M.)
DEG. CEL.
10.0
8.0
6.0
4.0
2.0
0.0
-2.0
-4.0
-6.0
289.0
(1979)
309.0
329.0
349.0
4.0
24.0
44.0
64.0
84.0
DAY
CAPE SABLE C6 OCT. 1979 TO MAR. 1980

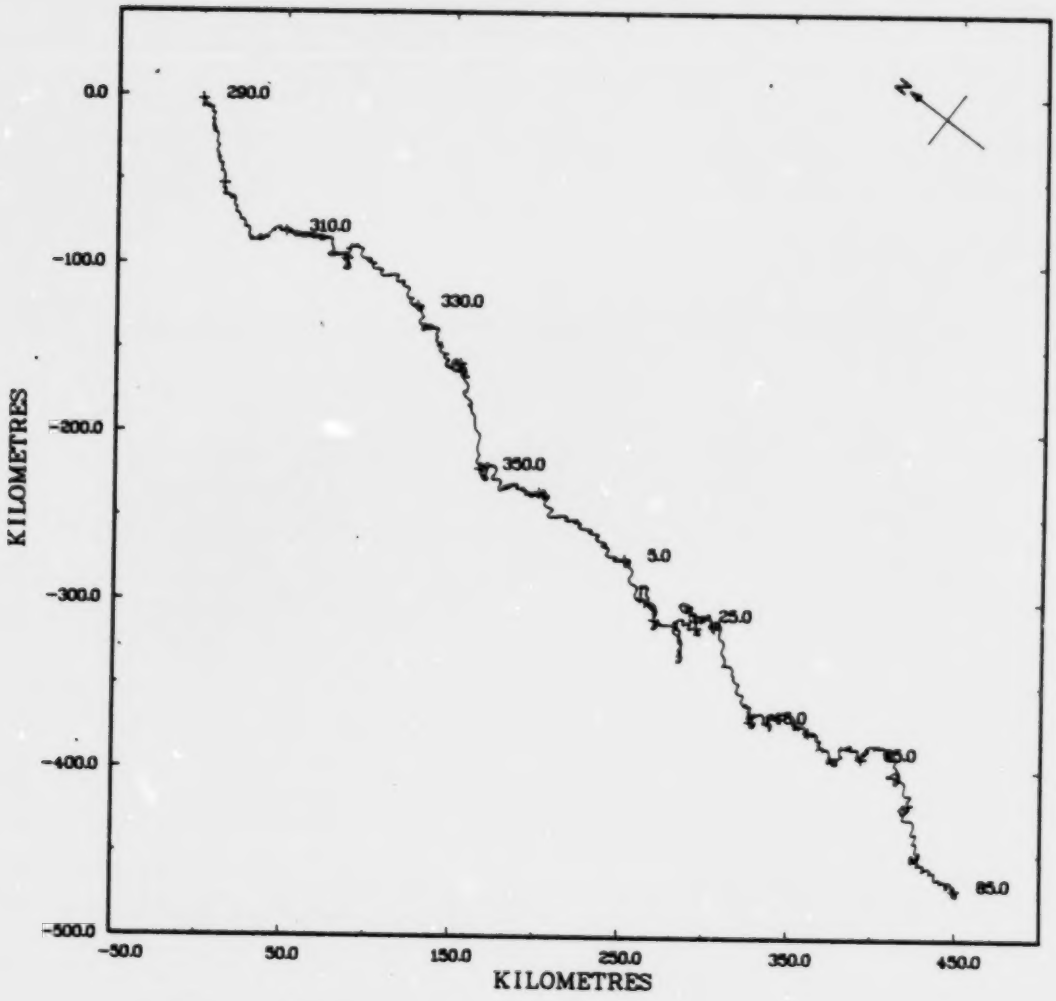

U(362., 50.M.)
DATA NO GOOD, SEE MOOKING SUMMARY
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(362., 50.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(362., 50.M.)
DEG. CEL.
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
-3.0
292.0
(1979)
312.0
332.0
352.0
7.0
27.0
47.0
67.0
87.0
DAY
CAPE SABLE C8 OCT. 1979 TO MAR. 1980

HISTOGRAM OF T(362., 50.M.) DEG. CEL.

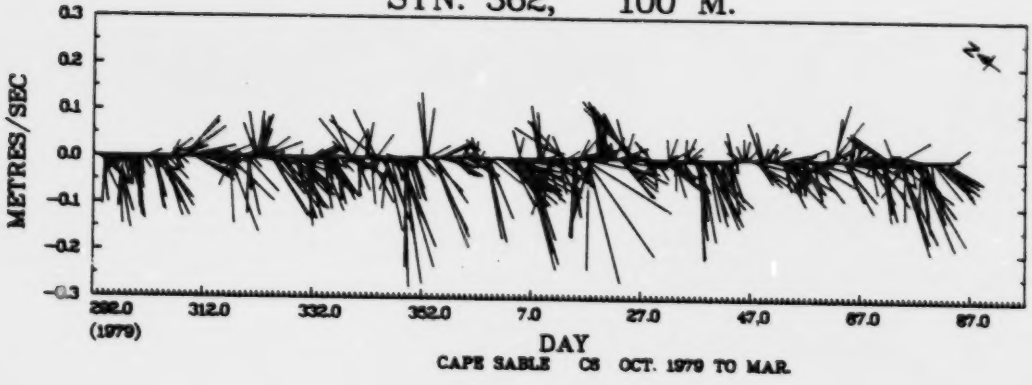
BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
-2.00	-1.50	722	18.6	**********
-1.50	-1.00	307	7.9	**********
-1.00	-.50	81	2.1	**********
-.50	0.00	285	7.3	**********
0.00	.50	282	7.3	**********
.50	1.00	93	2.4	**********
1.00	1.50	193	5.0	**********
1.50	2.00	219	5.6	**********
2.00	2.50	401	10.3	**********
2.50	3.00	539	13.9	**********
3.00	3.50	244	6.3	**********
3.50	4.00	174	4.5	**********
4.00	4.50	92	2.4	**********
4.50	5.00	36	.9	*****
5.00	5.50	12	.3	**
5.50	6.00	4	.1	*
6.00	6.50	0	0.0	
6.50	7.00	0	0.0	
7.00	7.50	0	0.0	
7.50	8.00	0	0.0	
8.00	8.50	0	0.0	
8.50	9.00	0	0.0	
9.00	9.50	0	0.0	
9.50	10.00	0	0.0	
10.00	10.50	0	0.0	
10.50	11.00	0	0.0	
11.00	11.50	0	0.0	
11.50	12.00	0	0.0	
12.00	12.50	0	0.0	
12.50	13.00	0	0.0	
13.00	13.50	0	0.0	
13.50	14.00	0	0.0	
14.00	14.50	0	0.0	
14.50	15.00	0	0.0	
15.00	15.50	0	0.0	
15.50	16.00	0	0.0	
16.00	16.50	0	0.0	
16.50	17.00	0	0.0	
17.00	17.50	0	0.0	
17.50	18.00	0	0.0	
18.00	18.50	0	0.0	
18.50	19.00	0	0.0	
19.00	19.50	0	0.0	
19.50	20.00	0	0.0	

TOTAL NO. OF SAMPLES 3881
OUTSIDE RANGE 0

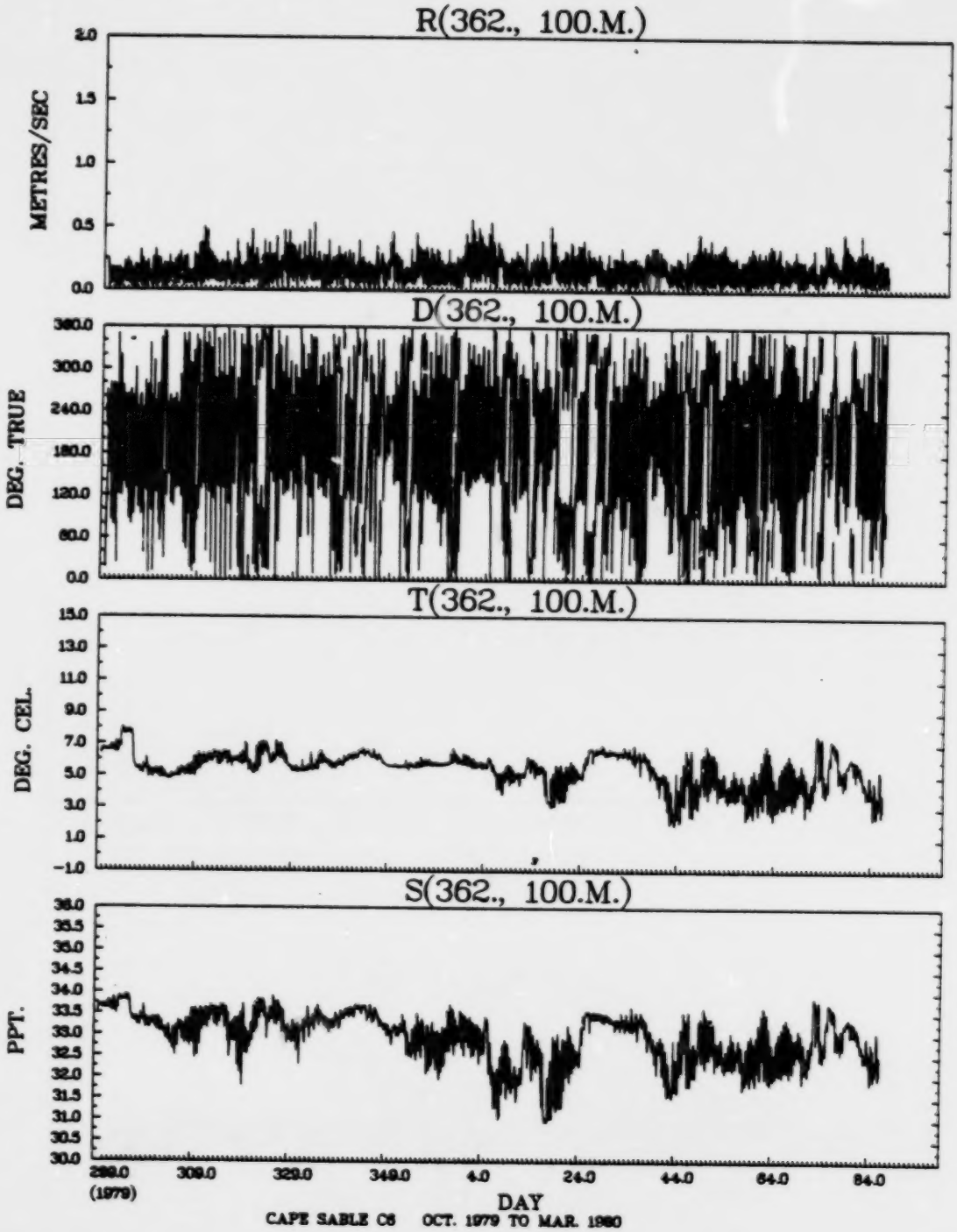
STN. 362, 100 M.

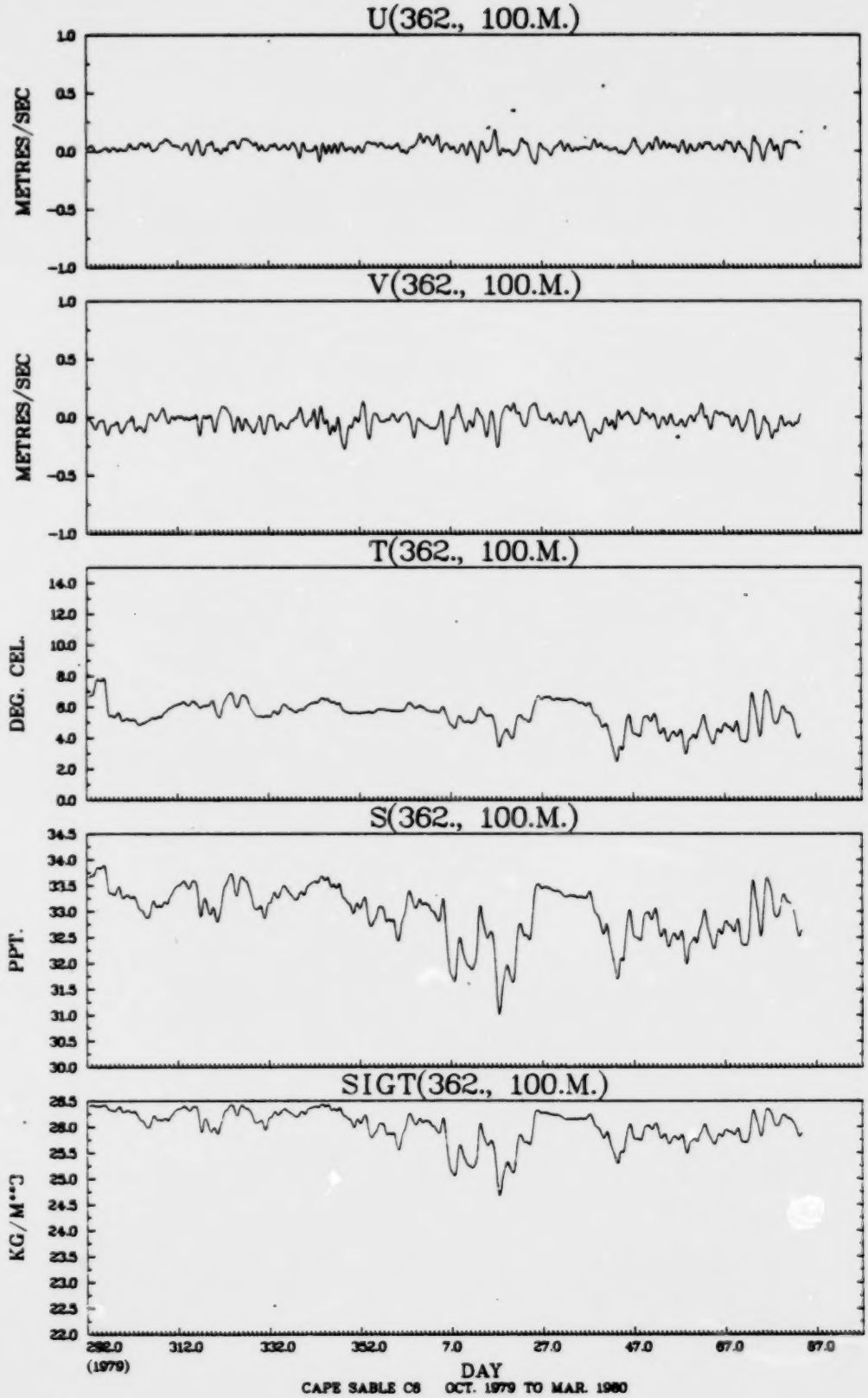


STN. 362, 100 M.



CAPE SABLE CS OCT. 1979 TO MAR.


R(362., 100.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(362., 100.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(362., 100.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(362., 100.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
289.0
(1979)
309.0
329.0
349.0
4.0
24.0
44.0
64.0
84.0
DAY
CAPE SABLE C6 OCT. 1979 TO MAR. 1980


U(362., 100.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(362., 100.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(362., 100.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(362., 100.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(362., 100.M.)
KG/M**3
28.5
28.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
292.0
(1979)
312.0
332.0
352.0
7.0
27.0
47.0
67.0
87.0
DAY
CAPE SABLE C8 OCT. 1979 TO MAR. 1980

JOINT DISTRIBUTION (PERCENT)

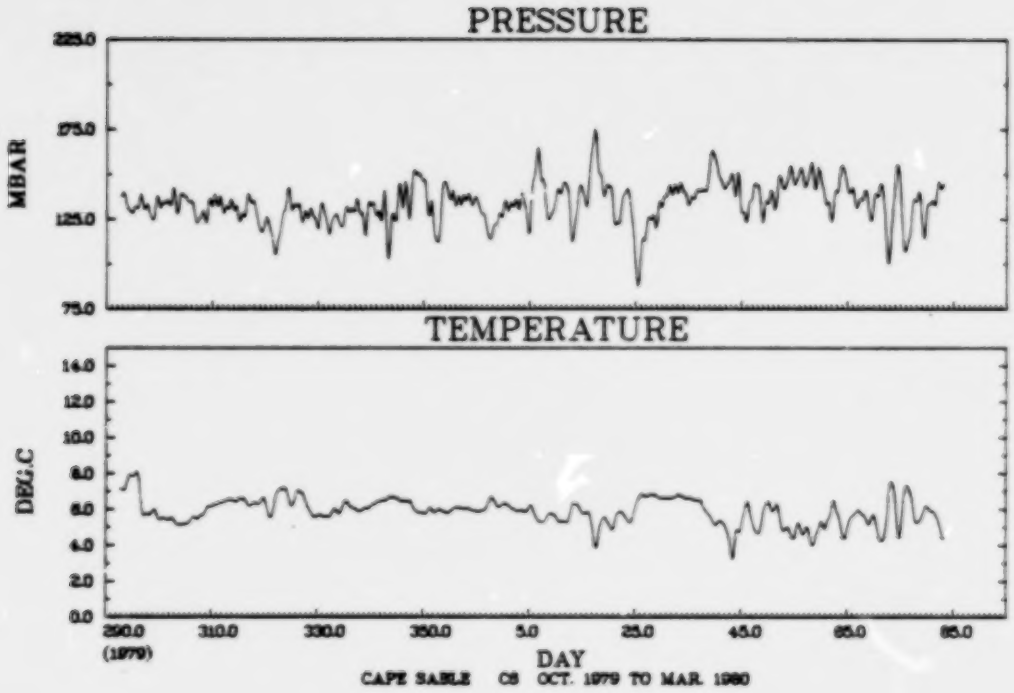
D(362., 100.M.) VS R(362., 100.M.)

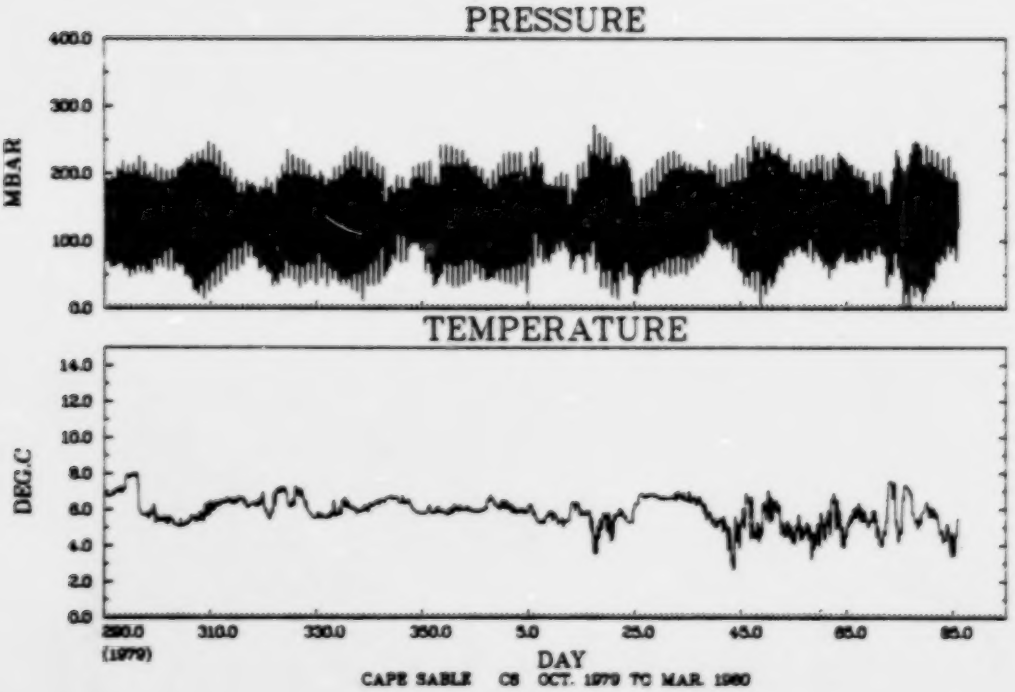
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90		*												
.70 TO	.80		*												
.60 TO	.70		*												
.50 TO	.60	2	*					.1							
.40 TO	.50	32	*				.0	.4	.2		.0	.1			
.30 TO	.40	185	*		.0	.3	.5	1.6	.7	.3	.5	.8	.1		
.20 TO	.30	891	*	.2	.3	1.6	2.7	3.8	2.4	1.3	2.8	4.4	1.6	.9	.9
.10 TO	.20	1842	*	1.1	1.4	3.9	4.9	5.3	3.6	3.4	5.2	7.3	5.5	3.4	2.3
-.00 TO	.10	928	*	1.0	1.4	1.7	1.9	3.0	2.1	2.7	2.8	2.7	2.1	1.4	1.2
OUT OF RANGE		0	0												
SUB TOTAL		3880	0	90	122	291	387	550	355	300	437	594	361	222	171

JOINT DISTRIBUTION (PERCENT)

T(362., 100.M.) VS S(362., 100.M.)

PPT. DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50		*										
33.50 TO 34.00	613	*				12.8	3.0					
33.00 TO 33.50	1551	*			1.1	38.9						
32.50 TO 33.00	929	*			8.9	15.1						
32.00 TO 32.50	542	*		.3	9.4	4.2						
31.50 TO 32.00	174	*		1.8	2.2	.5						
31.00 TO 31.50	61	*			1.6							
30.50 TO 31.00	10	*			.3							
30.00 TO 30.50		*										
OUT OF RANGE	0	0										
SUB TOTAL	3880	0		82	909	2772	117					


PRESSURE
MBAR
225.0
175.0
125.0
75.0
TEMPERATURE
DEG.C
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
290.0
(1979)
310.0
330.0
350.0
5.0
25.0
45.0
65.0
85.0
DAY
CAPE SABLE CS OCT. 1979 TO MAR. 1980


PRESSURE
MBAR
400.0
300.0
200.0
100.0
0.0
TEMPERATURE
DEG.C
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
290.0
(1979)
310.0
330.0
350.0
5.0
25.0
45.0
65.0
85.0
DAY
CAPE SABLE CS OCT. 1979 TO MAR. 1980

HISTOGRAM OF PRESSURE (362.,110.M.) MBAR

BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
0.00	20.00	15	.4	***
20.00	40.00	102	2.6	**********
40.00	60.00	258	6.7	**********
60.00	80.00	430	11.1	**********
80.00	100.00	477	12.3	**********
100.00	120.00	394	10.2	**********
120.00	140.00	363	9.4	**********
140.00	160.00	387	10.0	**********
160.00	180.00	448	11.6	**********
180.00	200.00	475	12.3	**********
200.00	220.00	340	8.8	**********
220.00	240.00	158	4.1	**********
240.00	260.00	13	.3	*******
260.00	280.00	3	.1	*
280.00	300.00	0	0.0	
300.00	320.00	0	0.0	
320.00	340.00	0	0.0	
340.00	360.00	0	0.0	
360.00	380.00	0	0.0	
380.00	400.00	0	0.0	
400.00	420.00	0	0.0	
420.00	440.00	0	0.0	
440.00	460.00	0	0.0	
460.00	480.00	0	0.0	
480.00	500.00	0	0.0	
500.00	520.00	0	0.0	
520.00	540.00	0	0.0	

TOTAL NO. OF SAMPLES 3864
OUTSIDE RANGE 0

HISTOGRAM OF TEMPERATURE DEG.C

BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT
-2.00	-1.50	0	0.0
-1.50	-1.00	0	0.0
-1.00	-.50	0	0.0
-.50	0.00	0	0.0
0.00	.50	0	0.0
.50	1.00	0	0.0
1.00	1.50	0	0.0
1.50	2.00	0	0.0
2.00	2.50	0	0.0
2.50	3.00	6	.2
3.00	3.50	16	.4
3.50	4.00	42	1.1
4.00	4.50	138	3.6
4.50	5.00	250	6.5
5.00	5.50	592	15.3
5.50	6.00	1091	28.2
6.00	6.50	874	22.6
6.50	7.00	630	16.3
7.00	7.50	154	4.0
7.50	8.00	58	1.5
8.00	8.50	8	.2
8.50	9.00	0	0.0
9.00	9.50	0	0.0
9.50	10.00	0	0.0
10.00	10.50	0	0.0
10.50	11.00	0	0.0
11.00	11.50	0	0.0
11.50	12.00	0	0.0
12.00	12.50	0	0.0
12.50	13.00	0	0.0
13.00	13.50	0	0.0
13.50	14.00	0	0.0
14.00	14.50	0	0.0
14.50	15.00	0	0.0
15.00	15.50	0	0.0
15.50	16.00	0	0.0
16.00	16.50	0	0.0
16.50	17.00	0	0.0
17.00	17.50	0	0.0
17.50	18.00	0	0.0
18.00	18.50	0	0.0
18.50	19.00	0	0.0
19.00	19.50	0	0.0
19.50	20.00	0	0.0

TOTAL NO. OF SAMPLES 3864
OUTSIDE RANGE 0

TABLE 14

MOORING SUMMARY, CRUISE 80-006

Station	Latitude	Longitude	Instrument Number, Type*		Depth	Sounding	Comments
C1(380)	43° 12.17'N	65° 42.70'W	497	V	15	60	
			217	A	16	60	
C1(380)	43° 12.17'N	65° 42.87'W	3307	A	29	59	Salinity has a drift due to growth on the conductivity cell.
			1288	A	49	59	
C2(381)	43° 03.52'N	65° 45.48'W	495	V	23	118	
			3197	A	24	118	Instrument looks like it was hit by something on day 115(1980), otherwise it is okay.
C2(381)	43° 03.68'N	65° 45.39'W	1944	A	46	106	Record was short, 36 cycles were added where the instrument appeared to have dropped them.
			3302	A	96	106	
C2(381)	43° 03.52'N	65° 45.48'W	350	TG	118	118	
C3(382)	42° 51.30'N	65° 49.44'W	2663	A	14	109	
C3(382)	42° 51.30'N	65° 49.64'W	3568	A	48	108	
			3584	A	98	108	No rate and direction, the instrument was tangled while being moored.

TABLE 14 (Continued)

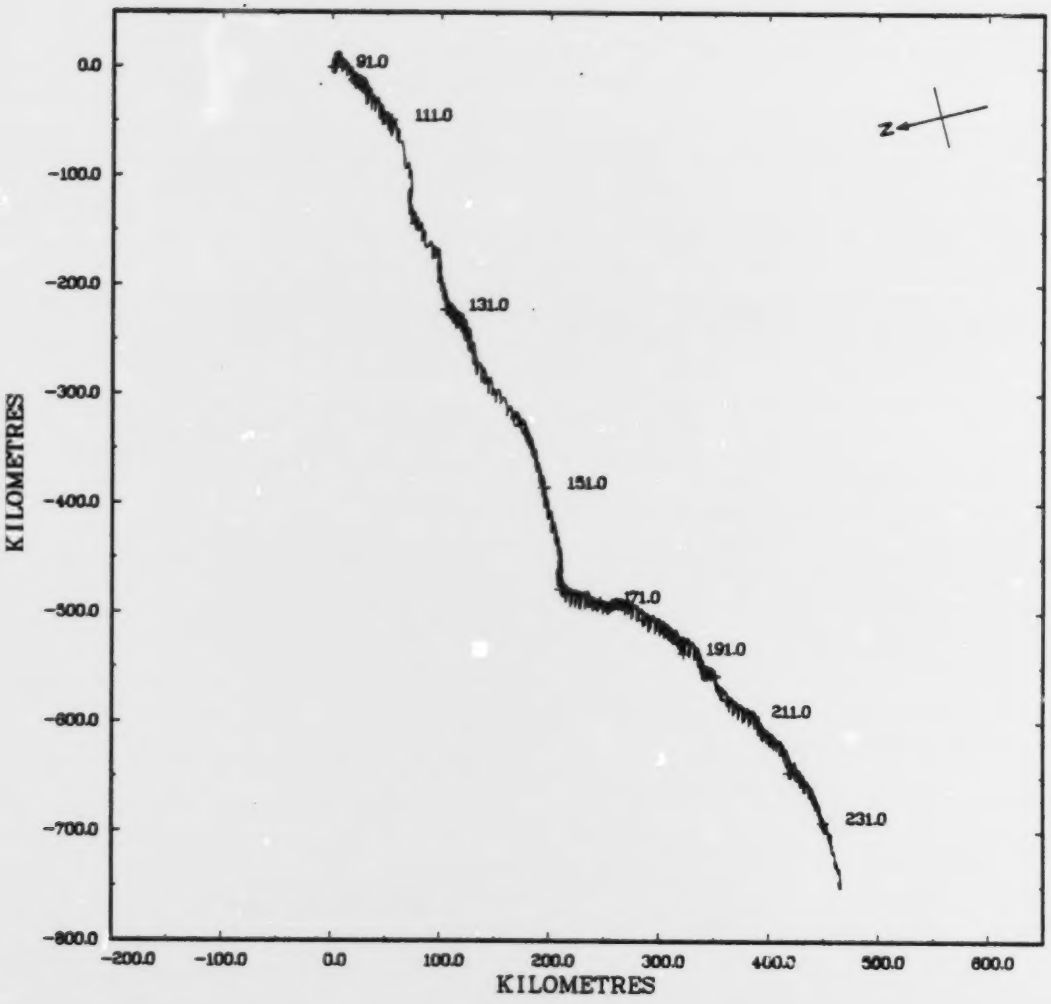
Station	Latitude	Longitude	Instrument Number, Type*		Depth	Sounding	Comments
C4(383)	42° 33.78'N	65° 55.67'W	4154	A	12	107	Tangled in ground line on recovery. Appears to be okay.
C4(383)	42° 33.94'N	65° 55.77'W	2664	A	47	107	Instrument flooded, there was no take up on the tape.
			3567	A	97	107	Rotor lost on day 236 (1980). Instrument was tangled in ground line on recovery but appears okay. Looks like the instrument was hit by something on day 220 (1980).
C5(384)	43° 34.78'N	65° 06.02'W	822	A	14	59	
C5(384)	43° 34.13'N	65° 05.88'W	786	A	30	60	
			818	A	50	60	
C6(385)	43° 28.95'N	65° 03.35'W	3303	A	13	108	The rate channel was sticking intermittently after day 205 (1980). Missing values replaced using tidal prediction and interpolated mean.
C6(385)	43° 28.95'N	65° 03.29'W	1898	A	50	110	
			1901	A	100	110	

* A = Aanderaa Current Meter

V = VACM Current Meter

TG = Tide Gauge

STN. 380, 15 M.



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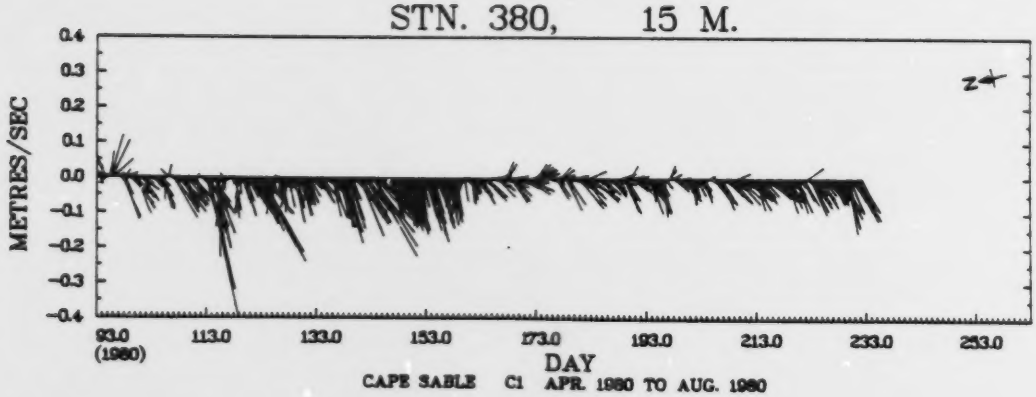
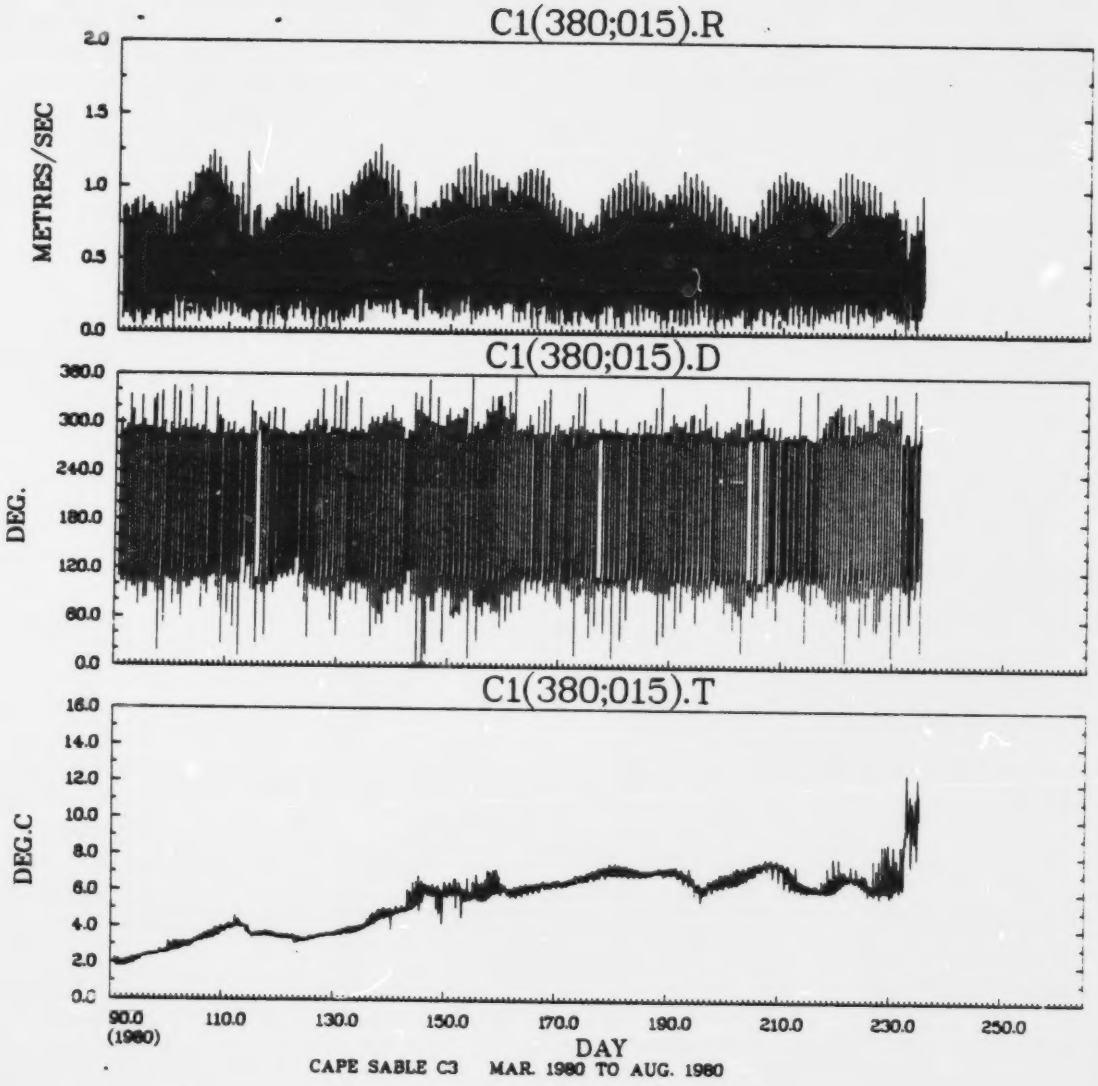
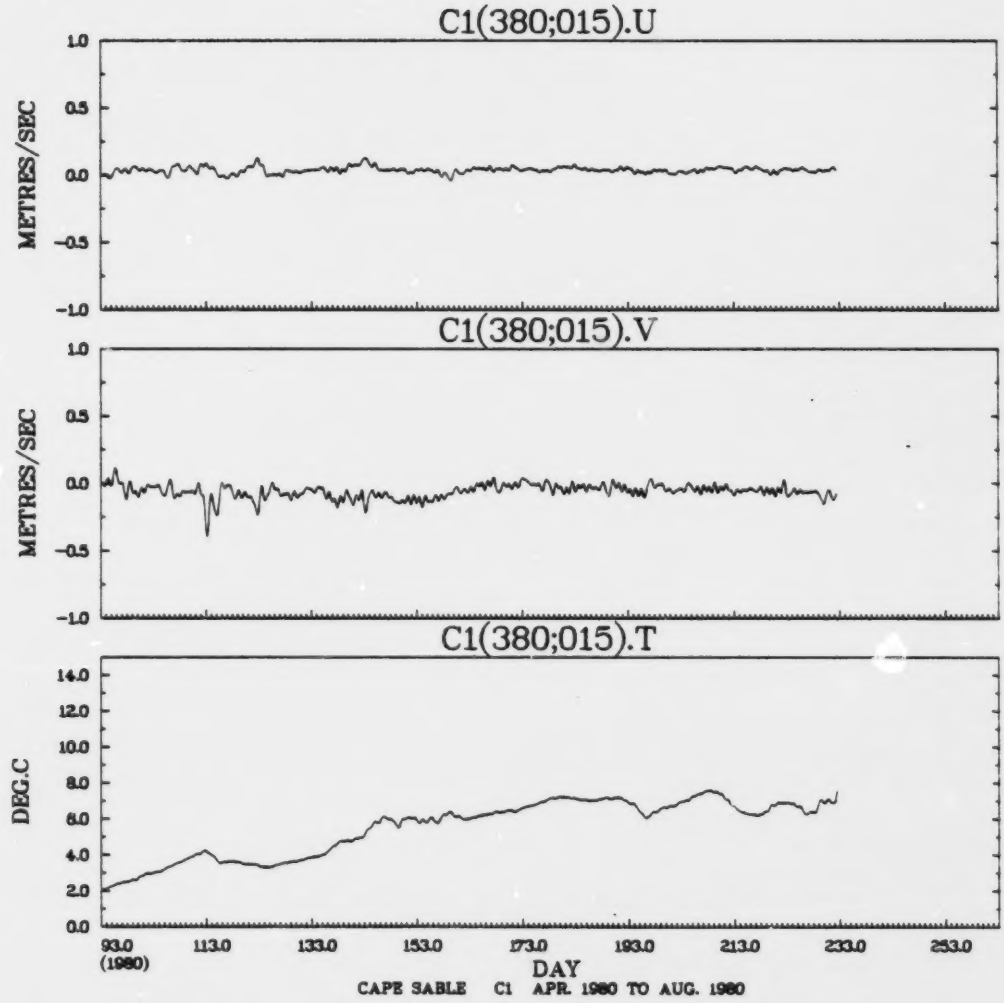


CAPE SABLE C1 APR. 1980 TO AUG. 1980


C1(380;015).R
METRES/SEC
2.0
1.5
1.0
0.5
0.0
C1(380;015).D
DEG.
360.0
300.0
240.0
180.0
120.0
60.0
0.0
C1(380;015).T
DEG.C
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
90.0
(1980)
110.0
130.0
150.0
170.0
190.0
210.0
230.0
250.0
DAY
CAPE SABLE C3 MAR. 1980 TO AUG. 1980


C1(380;015).U
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
C1(380;015).V
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
C1(380;015).T
DEG.C
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
93.0
(1980)
113.0
133.0
153.0
173.0
193.0
213.0
233.0
253.0
DAY
CAPE SABLE C1 APR. 1980 TO AUG. 1980

JOINT DISTRIBUTION (PERCENT)

C1(380;015).D VS C1(380;015).R

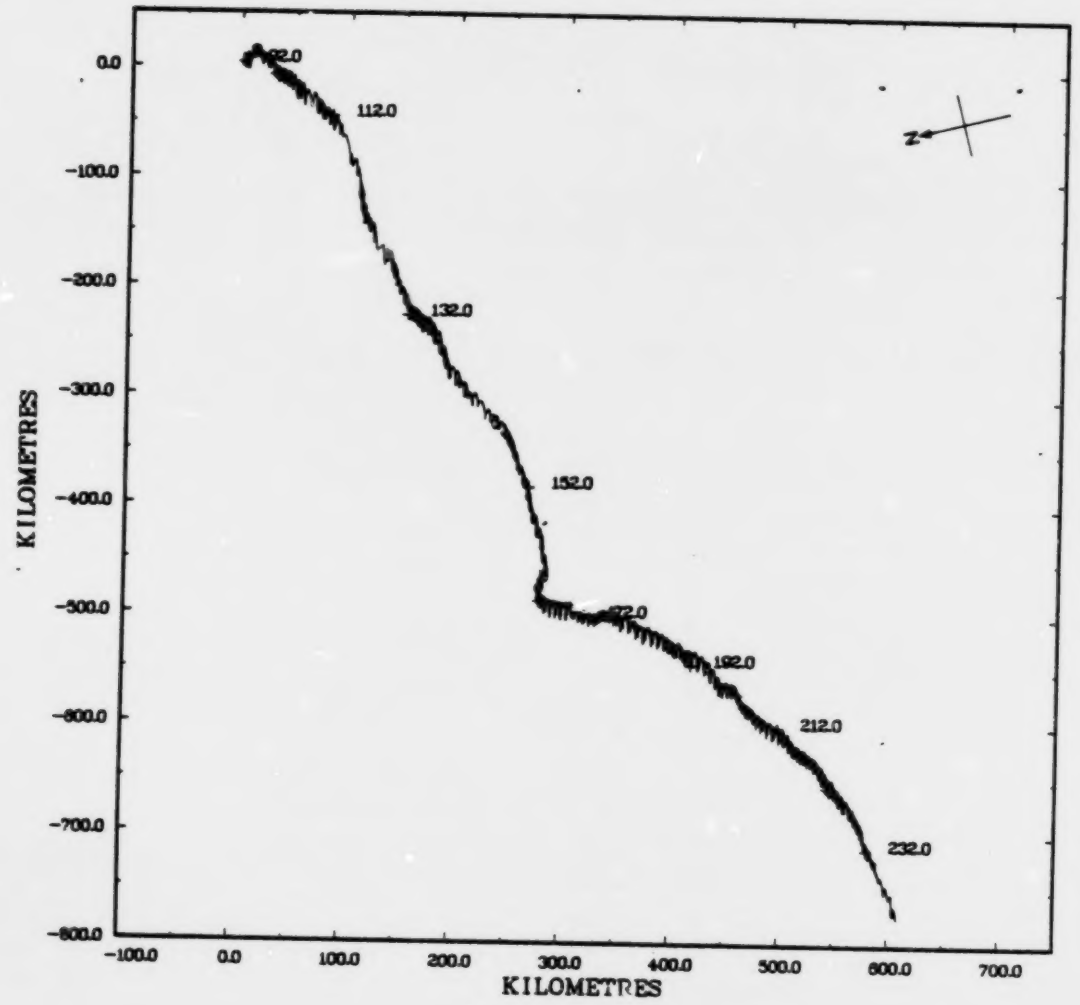
DEG. METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30	8	*				.0						.2		
1.10 TO	1.20	42	*				.3						.9		
1.00 TO	1.10	145	*				1.3						2.9		
.90 TO	1.00	248	*				3.2	.0					3.9		
.80 TO	.90	376	*				4.7	.1					6.0		
.70 TO	.80	431	*			.0	5.1	.2				.1	6.9	.1	
.60 TO	.70	441	*			.1	5.3	.8				.2	6.3		
.50 TO	.60	340	*				3.8	1.1				.6	4.2	.1	
.40 TO	.50	335	*			.1	3.4	1.2	.0		.0	.8	3.7	.3	.0
.30 TO	.40	369	*	.0	.1	.5	2.9	1.4	.3	.1	.1	1.6	3.1	.6	
.20 TO	.30	309	*	.1	.1	.7	1.5	1.3	.6	.4	.5	1.1	1.6	.9	.1
.10 TO	.20	294	*	.1	.4	1.2	.7	1.0	.8	.7	.8	.7	.8	.8	.4
-.00 TO	.10	131	*	.3	.4	.3	.3	.2	.5	.3	.3	.2	.3	.3	.4
OUT OF RANGE		0	0												
SUB TOTAL		3469	0	16	32	101	1131	255	81	50	63	182	1414	109	35

HISTOGRAM OF C1(3A01015).T DEG.C

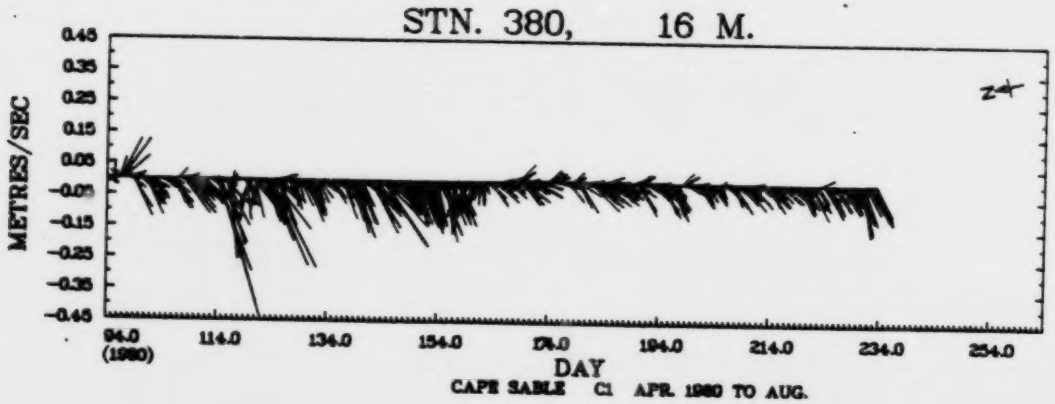
BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
-2.00	-1.50	0	0.0	
-1.50	-1.00	0	0.0	
-1.00	-.50	0	0.0	
-.50	0.00	0	0.0	
0.00	.50	0	0.0	
.50	1.00	0	0.0	
1.00	1.50	0	0.0	
1.50	2.00	40	1.2	******
2.00	2.50	129	3.7	*******************
2.50	3.00	109	3.1	****************
3.00	3.50	290	8.4	**
3.50	4.00	411	11.8	**
4.00	4.50	141	4.1	********************
4.50	5.00	133	3.8	*******************
5.00	5.50	64	1.8	*********
5.50	6.00	263	7.6	*************************************
6.00	6.50	672	19.4	**
6.50	7.00	553	15.9	**
7.00	7.50	475	13.7	***
7.50	8.00	113	3.3	****************
8.00	8.50	11	.3	**
8.50	9.00	16	.5	***
9.00	9.50	9	.3	*
9.50	10.00	14	.4	**
10.00	10.50	8	.2	**
10.50	11.00	9	.3	**
11.00	11.50	9	.3	**
11.50	12.00	2	.1	*
12.00	12.50	3	.1	*
12.50	13.00	1	.0	*
13.00	13.50	0	0.0	
13.50	14.00	0	0.0	
14.00	14.50	0	0.0	
14.50	15.00	0	0.0	
15.00	15.50	0	0.0	
15.50	16.00	0	0.0	
16.00	16.50	0	0.0	
16.50	17.00	0	0.0	
17.00	17.50	0	0.0	
17.50	18.00	0	0.0	
18.00	18.50	0	0.0	
18.50	19.00	0	0.0	
19.00	19.50	0	0.0	
19.50	20.00	0	0.0	

TOTAL NO. OF SAMPLES 3469
OUTSIDE RANGE 0

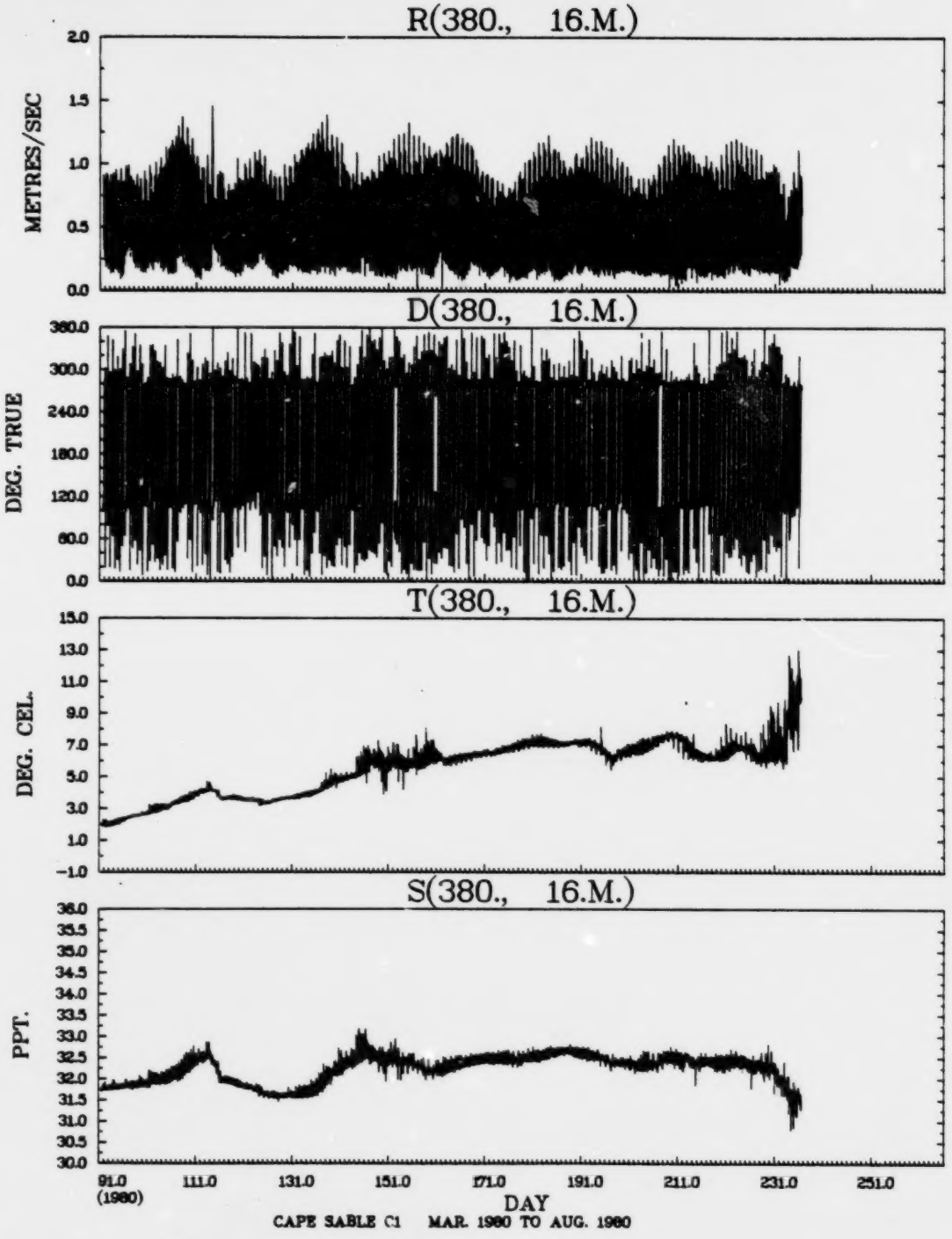
STN. 380, 16 M.

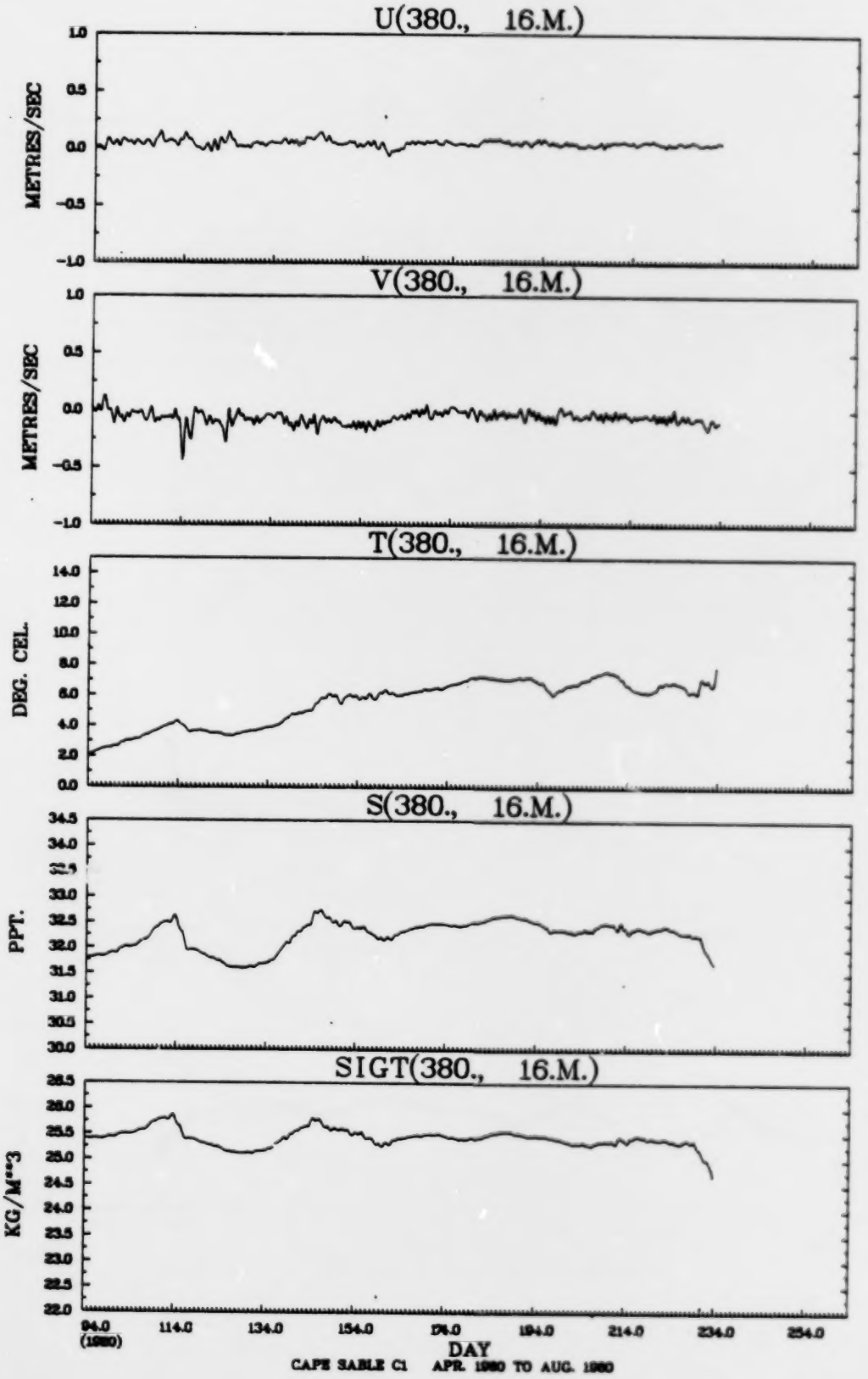


STN. 380, 16 M.



CAPE SABLE C1 APR. 1980 TO AUG.


R(380., 16.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(380., 16.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(380., 16.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(380., 16.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
91.0
(1980)
111.0
131.0
151.0
171.0
191.0
211.0
231.0
251.0
DAY
CAPE SABLE C1 MAR. 1980 TO AUG. 1980


U(380., 16.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(380., 16.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(380., 16.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(380., 16.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(380., 16.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
94.0
(1980)
114.0
134.0
154.0
174.0
194.0
214.0
234.0
254.0
DAY
CAPE SABLE C1 APR. 1980 TO AUG. 1980

JOINT DISTRIBUTION (PERCENT)

D(380., 16.M.) VS R(380., 16.M.)

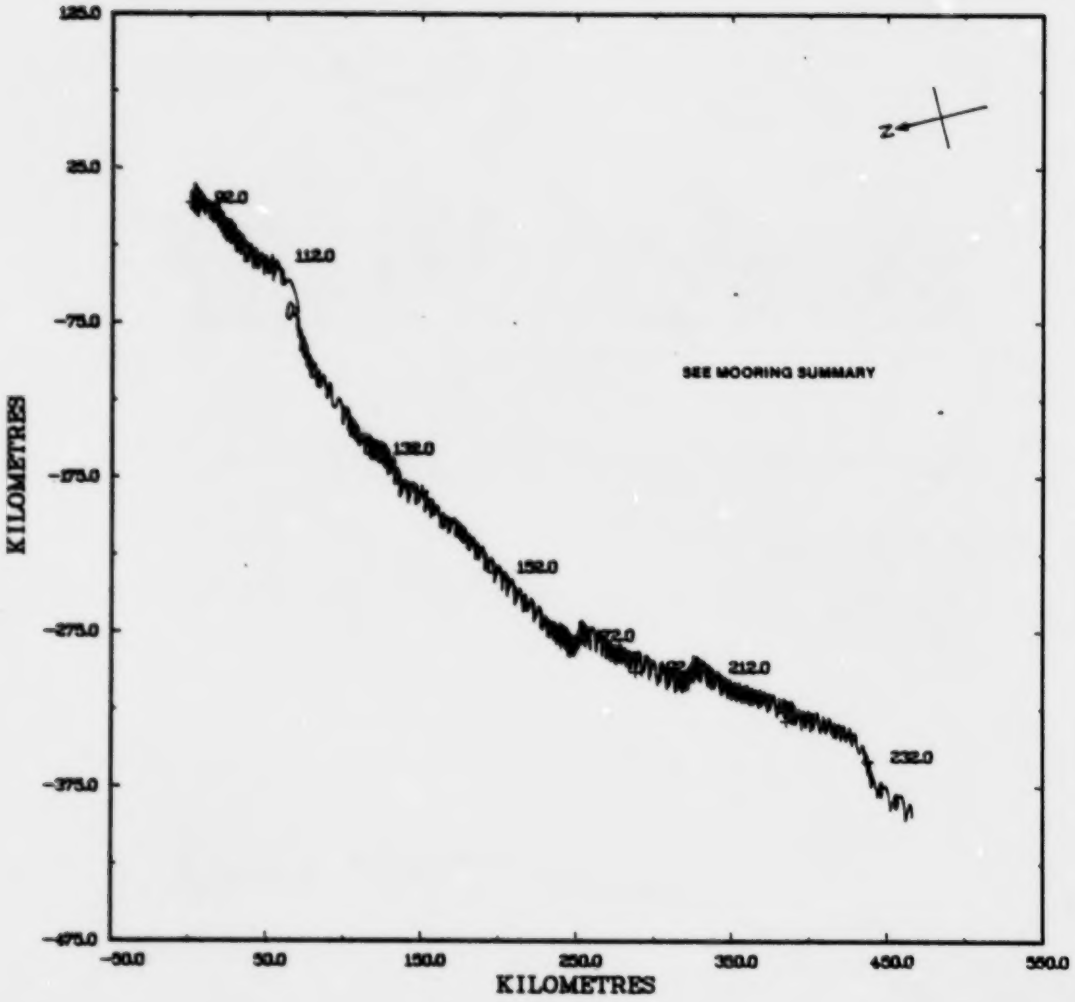
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40	4	*										.1		
1.20 TO	1.30	13	*				.1						.3		
1.10 TO	1.20	57	*				.3					.0	1.3		
1.00 TO	1.10	157	*				1.6					.0	2.8	.0	
.90 TO	1.00	245	*				3.0						4.1	.0	
.80 TO	.90	374	*			.1	4.6	.1					6.0	.0	
.70 TO	.80	386	*			.1	5.0	.1				.1	5.8		
.60 TO	.70	414	*			.0	4.9	.7				.6	5.6	.1	.0
.50 TO	.60	382	*		.0	.1	4.5	.9	.0			.7	4.6	.2	
.40 TO	.50	322	*			.2	3.2	1.0	.0		.1	1.1	3.5	.2	
.30 TO	.40	342	*		.1	.8	2.4	1.6	.3	.0	.2	1.7	2.2	.5	.1
.20 TO	.30	391	*	.0	.1	1.1	1.2	1.8	1.0	.6	.8	1.9	1.3	1.1	.2
.10 TO	.20	319	*	.8	1.1	.5	.3	.7	.9	1.0	1.2	.7	.3	.9	.7
-.00 TO	.10	70	*	.5	.3	.1		.1	.2	.2	.2	.0		.1	.3
OUT OF RANGE		0	0												
SUB TOTAL		3476	0	48	56	105	1079	243	90	63	85	242	1314	107	44

JOINT DISTRIBUTION (PERCENT)

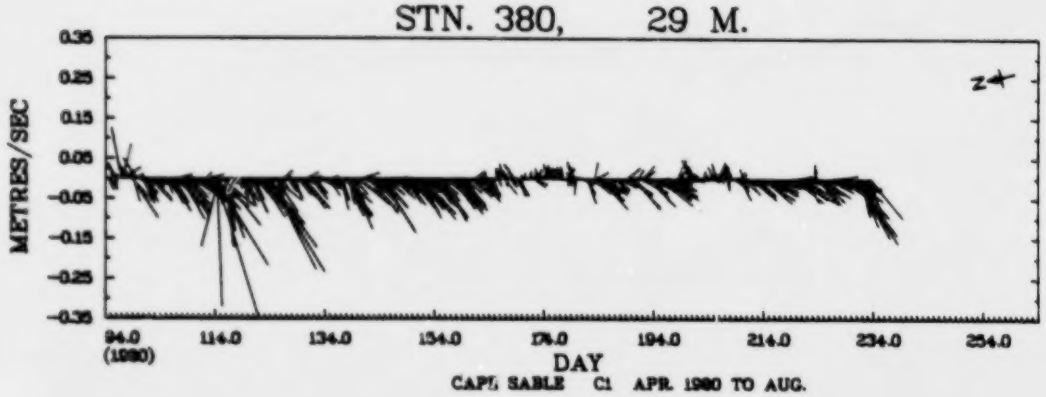
T(380., 16.M.) VS S(380., 16.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
36.50 TO	36.00		*										
36.00 TO	35.50		*										
35.50 TO	35.00		*										
35.00 TO	34.50		*										
34.50 TO	34.00		*										
34.00 TO	33.50		*										
33.50 TO	33.00	6	*				.2						
33.00 TO	32.50	745	*			2.0	10.9	8.5					
32.50 TO	32.00	1822	*		.1	11.0	32.2	9.1	.0				
32.00 TO	31.50	888	*		7.7	14.9	.9	1.1	.8	.3			
31.50 TO	31.00	15	*					.1	.2	.1			
31.00 TO	30.50		*										
30.50 TO	30.00		*										
OUT OF RANGE		0	0										
SUB TOTAL		3476	0		269	969	1536	654	37	11			

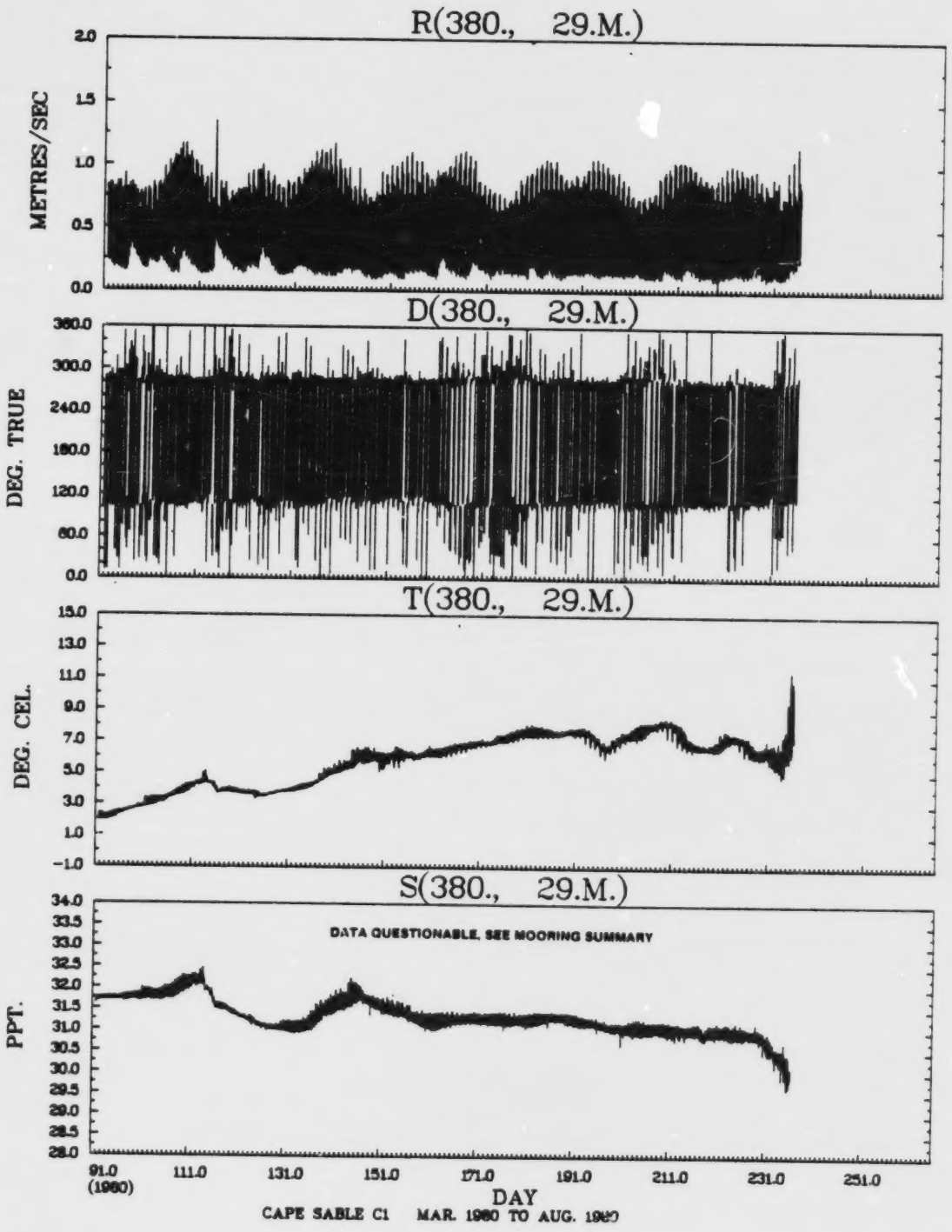
STN. 380, 29 M.

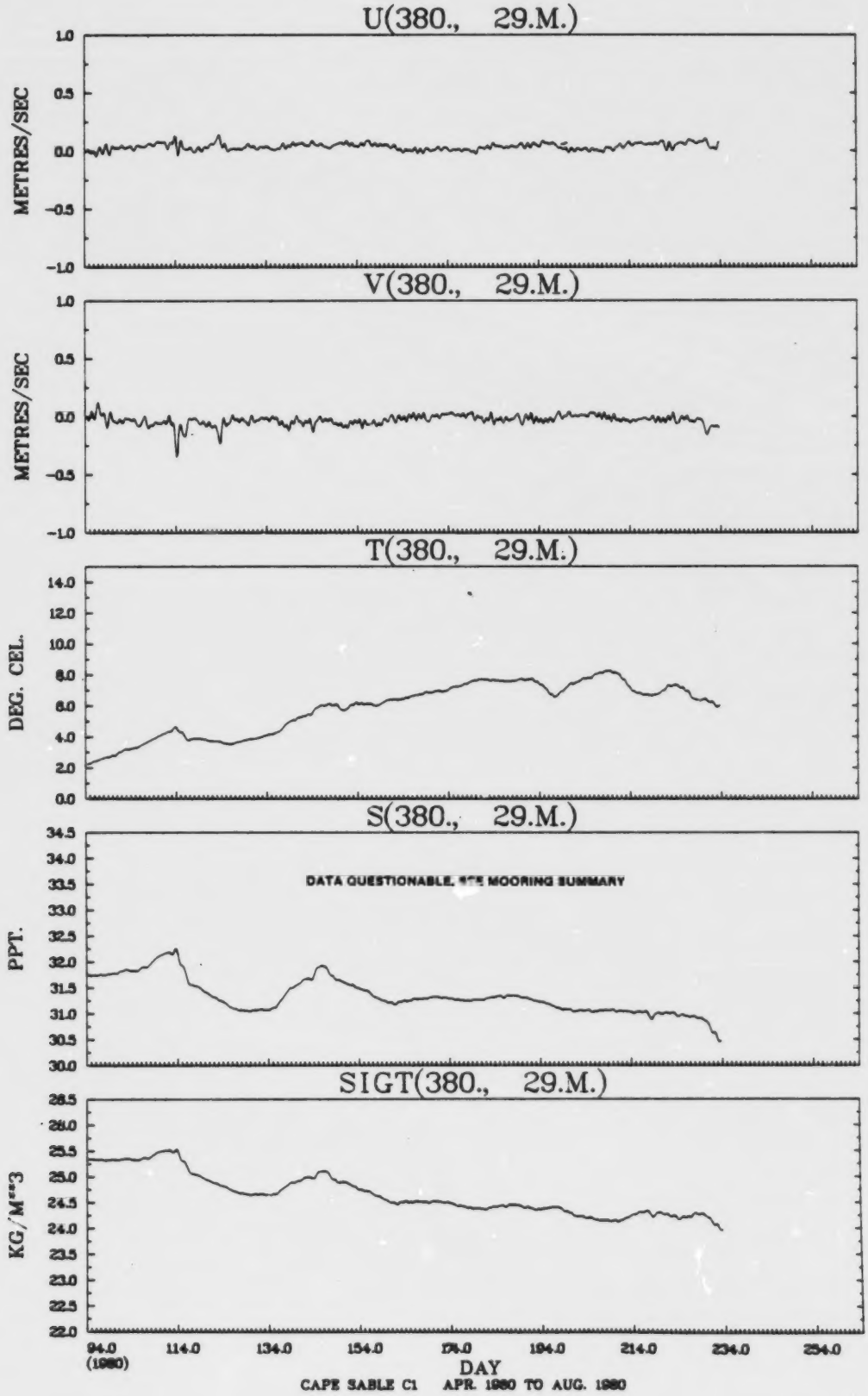


STN. 380, 29 M.



CAPE SABLE C1 APR. 1980 TO AUG.


R(380., 29.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(380., 29.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(380., 29.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(380., 29.M.)
DATA QUESTIONABLE, SEE MOORING SUMMARY
PPT.
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
28.5
28.0
91.0
(1980)
111.0
131.0
151.0
171.0
191.0
211.0
231.0
251.0
DAY
CAPE SABLE C1 MAR. 1980 TO AUG. 1980


U(380., 29.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(380., 29.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(380., 29.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(380., 29.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
DATA QUESTIONABLE. SEE MOORING SUMMARY
SIGT(380., 29.M.)
KG/M**3
28.5
28.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
94.0
(1980)
114.0
134.0
154.0
174.0
194.0
214.0
234.0
254.0
DAY
CAPE SABLE C1 APR. 1980 TO AUG. 1980

JOINT DISTRIBUTION (PERCENT)

D(380., 29.M.) VS P(380., 29.M.)

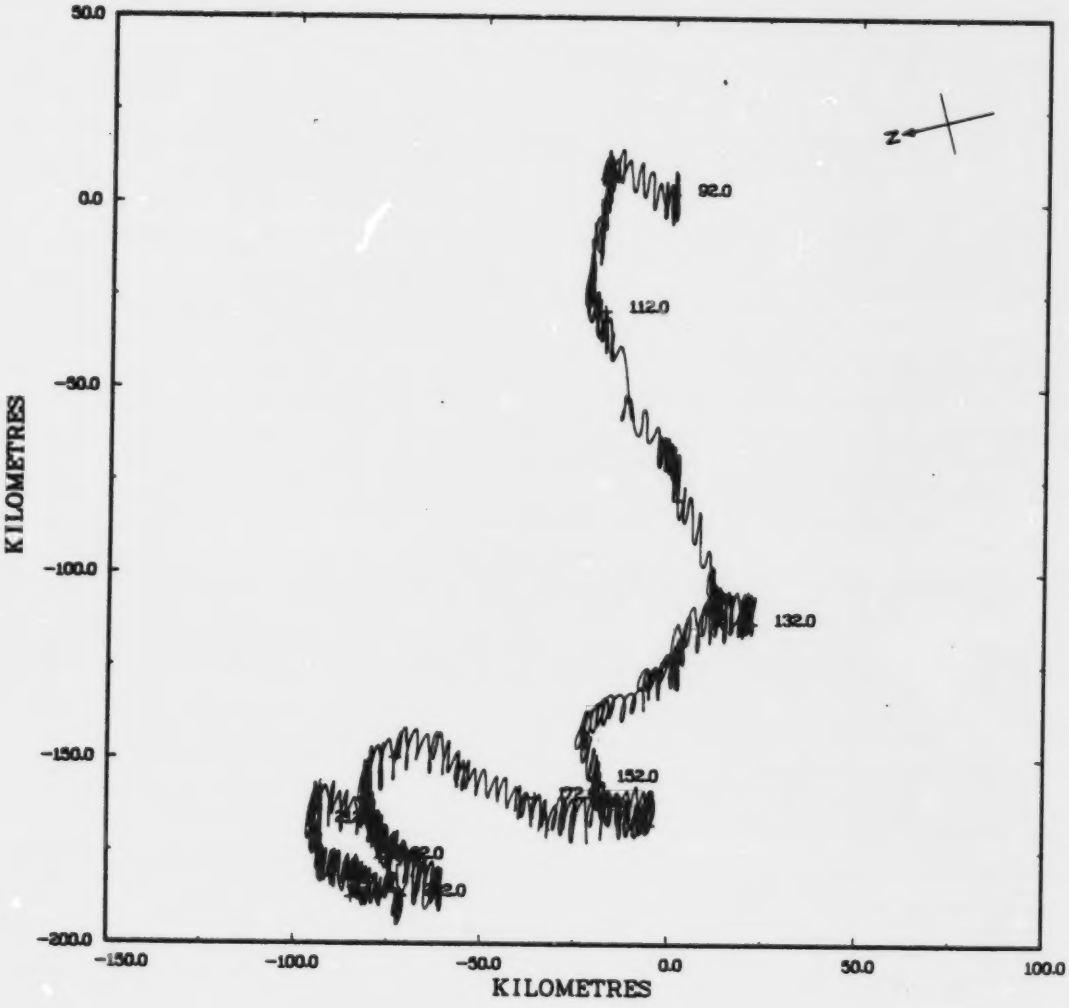
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30	1	*									.0			
1.10 TO	1.20	4	*				.0					.0	.1		
1.00 TO	1.10	53	*				.6						.9		
.90 TO	1.00	159	*				1.9						2.7		
.80 TO	.90	299	*				3.8	.0				.1	4.7		
.70 TO	.80	464	*				6.3	.1				.0	6.9		
.60 TO	.70	492	*				6.7	.2				.0	7.3		
.50 TO	.60	422	*				5.6	.5				.1	5.9	.0	
.40 TO	.50	380	*			.0	4.5	.6				.3	5.4	.1	
.30 TO	.40	372	*			.1	3.6	1.8	.0	.1	.1	.7	4.2	.1	.0
.20 TO	.30	345	*	.0	.0	.4	1.9	2.4	.3	.0	.3	2.1	1.7	.8	.1
.10 TO	.20	345	*	.3	.2	.9	.2	1.7	1.3	1.0	1.2	1.8	.3	.7	.4
-.00 TO	.10	136	*	.5	.3	.1		.0	.7	.9	.6	.1	.0	.1	.3
OUT OF RANGE		0	0												
SUB TOTAL		3474	0	27	19	50	1217	254	79	72	81	185	1400	62	29

JOINT DISTRIBUTION (PERCENT)

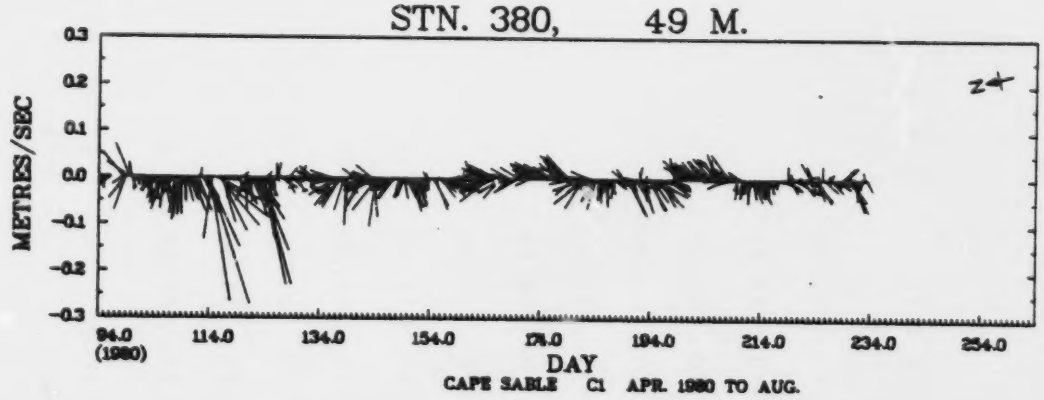
T(380., 29.M.) VS S(380., 29.M.)

DEG. CEL. PPT.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50		*										
33.50 TO 34.00		*										
33.00 TO 33.50		*										
32.50 TO 33.00		*										
32.00 TO 32.50	167	*			4.0	.8						
31.50 TO 32.00	798	*		7.3	7.6	8.1						
31.00 TO 31.50	1964	*			12.6	20.3	23.7					
30.50 TO 31.00	469	*			1.4	6.4	5.8					
30.00 TO 30.50	60	*				1.2	.5					
OUT OF RANGE	16	0					3	13				
SUB TOTAL	3474	0		254	887	1276	1044	13				

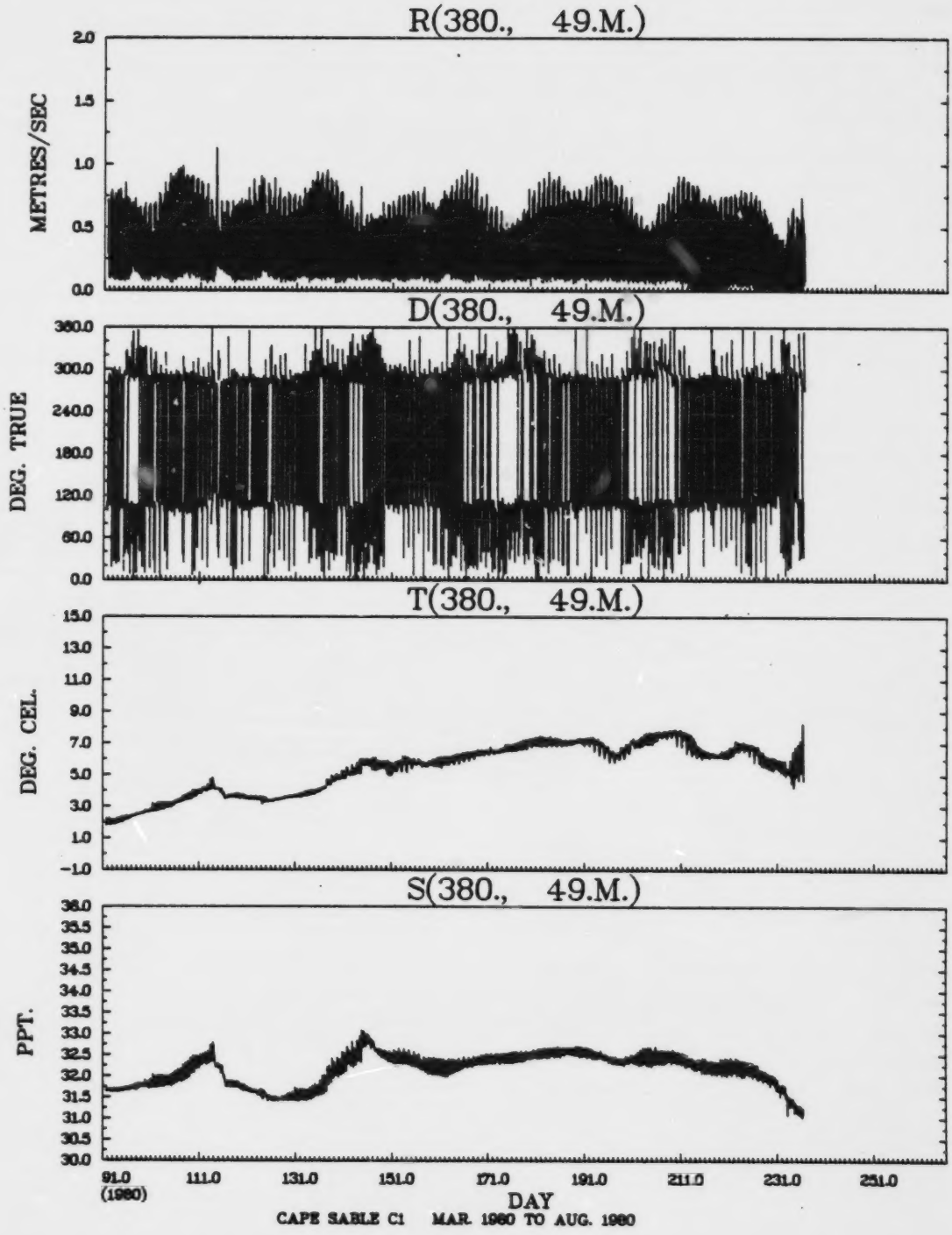
STN. 380, 49 M.

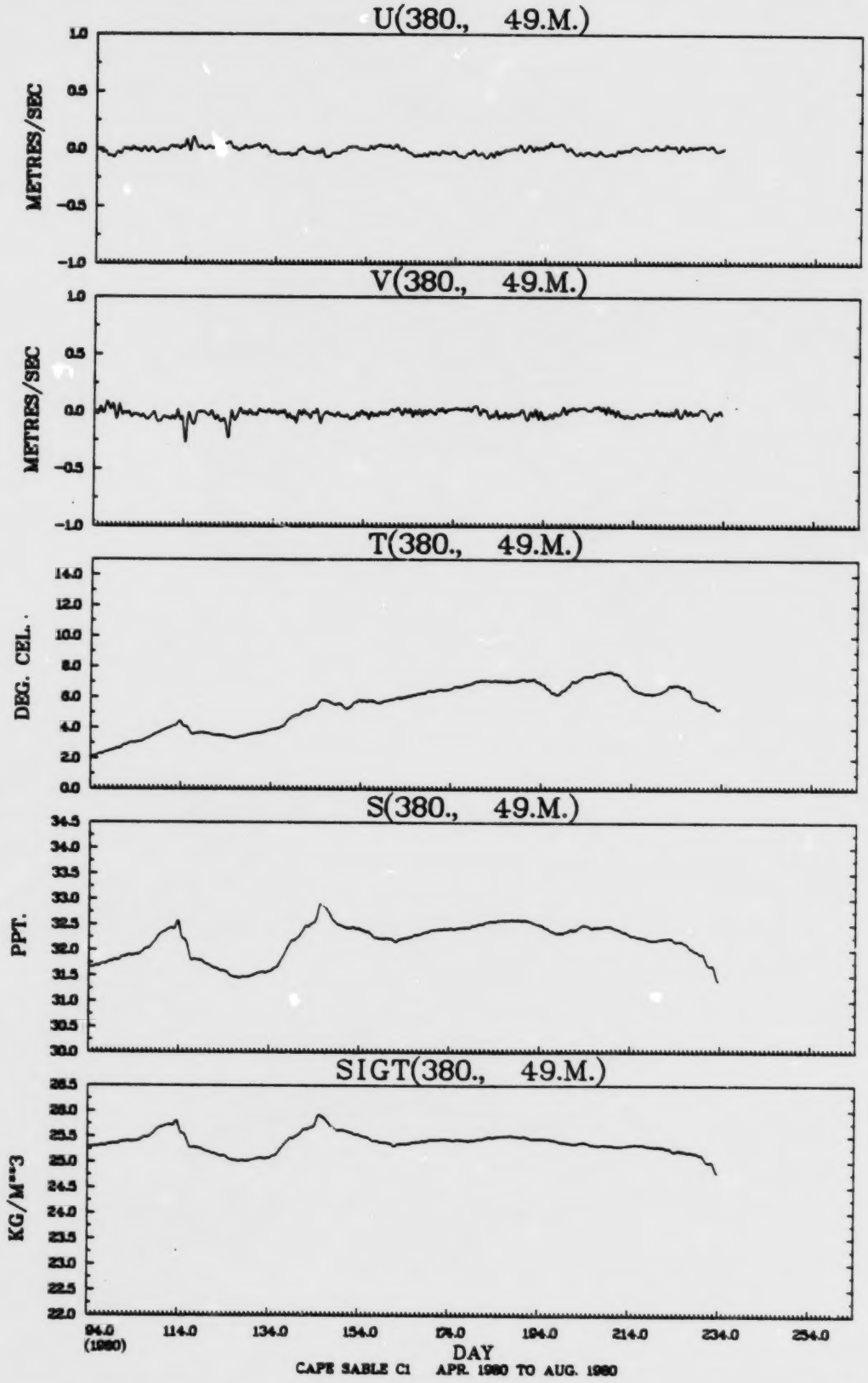


STN. 380, 49 M.



CAPE SABLE C1 APR. 1980 TO AUG.


R(380., 49.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(380., 49.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(380., 49.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(380., 49.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
91.0
(1980)
111.0
131.0
151.0
171.0
191.0
211.0
231.0
251.0
DAY
CAPE SABLE C1 MAR. 1980 TO AUG. 1980


U(380., 49.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(380., 49.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(380., 49.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(380., 49.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(380., 49.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
94.0
(1980)
114.0
134.0
154.0
174.0
194.0
214.0
234.0
254.0
DAY
CAPE SABLE C1 APR. 1980 TO AUG. 1980

JOINT DISTRIBUTION (PERCENT)

D(380., 49.M.) VS R(380., 49.M.)

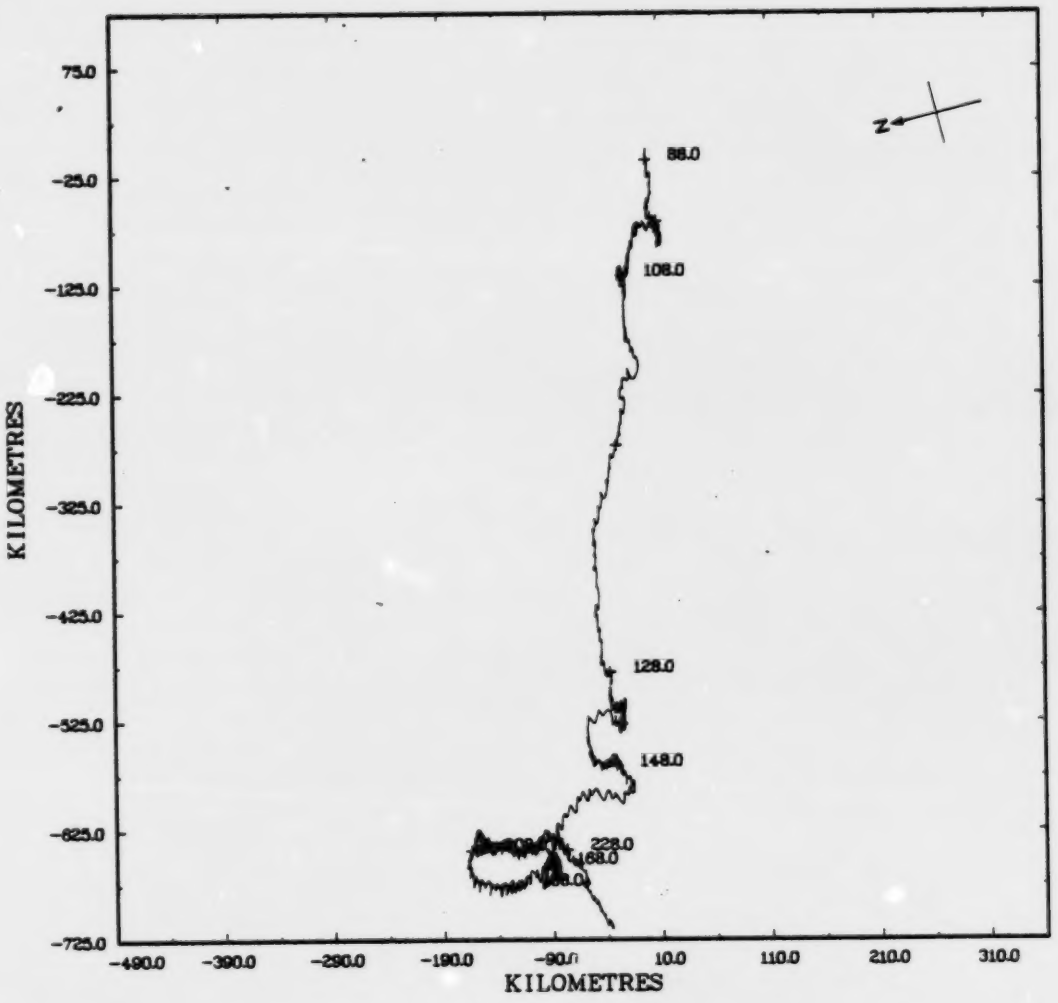
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20	1	*									.0			
1.00 TO	1.10	1	*									.0			
.90 TO	1.00	9	*				.2					.0			
.80 TO	.90	115	*				1.5					1.8			
.70 TO	.80	248	*				3.3					3.8			
.60 TO	.70	452	*				6.0	.1				6.8	.2		
.50 TO	.60	527	*				6.9	.3			.1	7.1	.9		
.40 TO	.50	548	*			.0	7.2	.9			.0	6.0	1.7		
.30 TO	.40	449	*			.1	4.9	1.2			.1	4.8	1.8		
.20 TO	.30	392	*		.0	.5	3.3	1.8	.0		.0	.6	3.3	1.6	.2
.10 TO	.20	489	*	.3	.2	1.5	1.6	2.3	1.1	.2	.6	1.8	2.1	1.9	.5
-.00 TO	.10	244	*	.5	.6	.5	.1	.6	.8	.9	.9	.8	.3	.3	.6
OUT OF RANGE		0	0												
SUB TOTAL		3474	0	29	30	91	1218	243	67	38	52	119	1255	287	45

JOINT DISTRIBUTION (PERCENT)

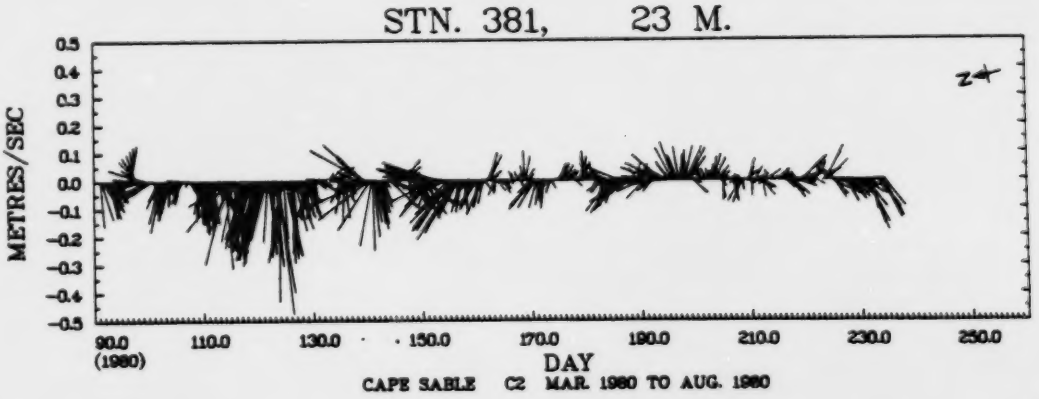
T(380., 49.M.) VS S(380., 49.M.)

PPT.	DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50	6	*				.2						
32.50 TO	33.00	653	*			.7	10.4	7.6					
32.00 TO	32.50	1733	*			8.5	32.5	8.8					
31.50 TO	32.00	862	*		7.8	13.0	4.0						
31.00 TO	31.50	220	*			4.4	1.8	.1					
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3474	0		271	930	1698	575					

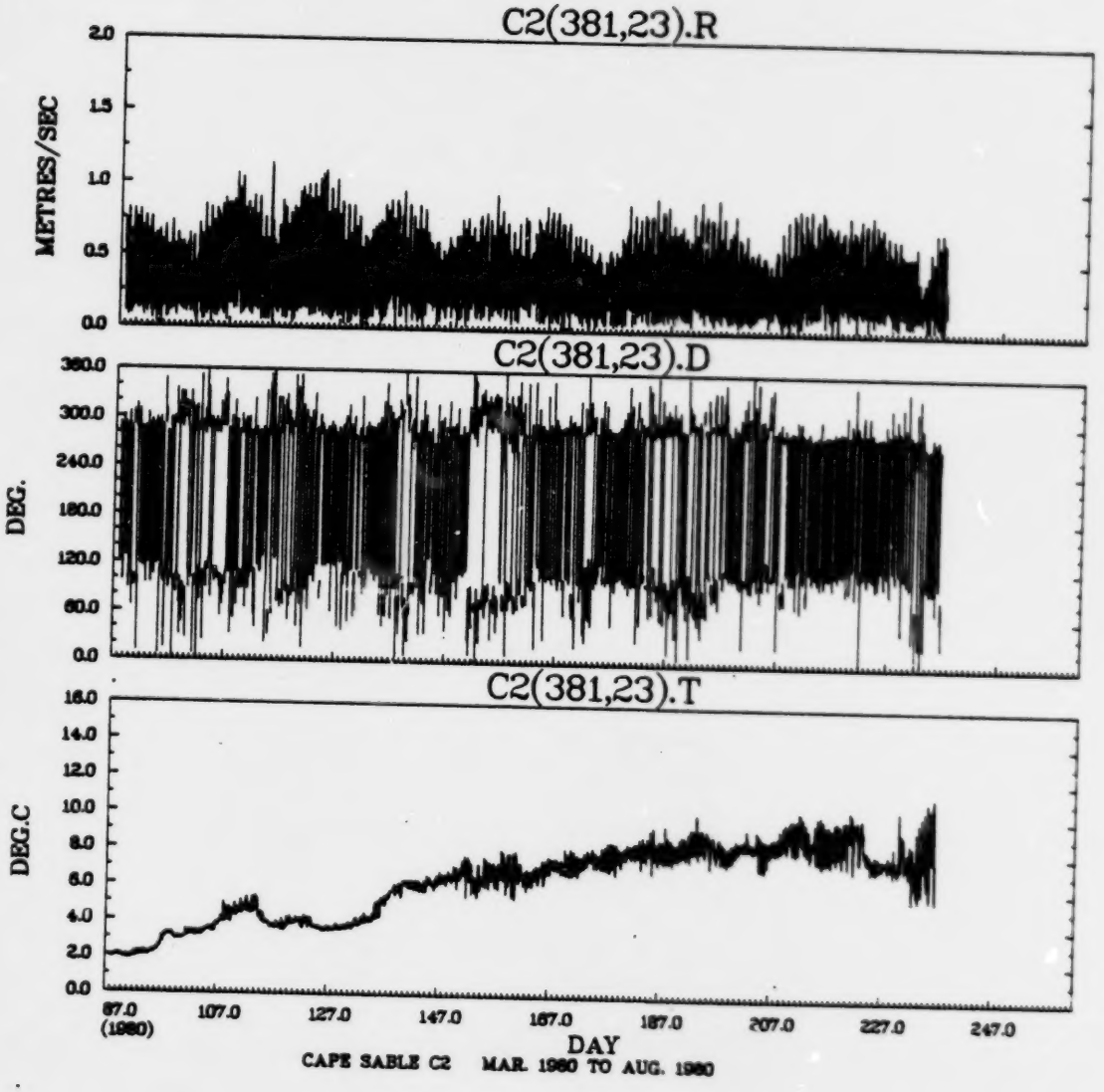
STN. 381, 23 M.

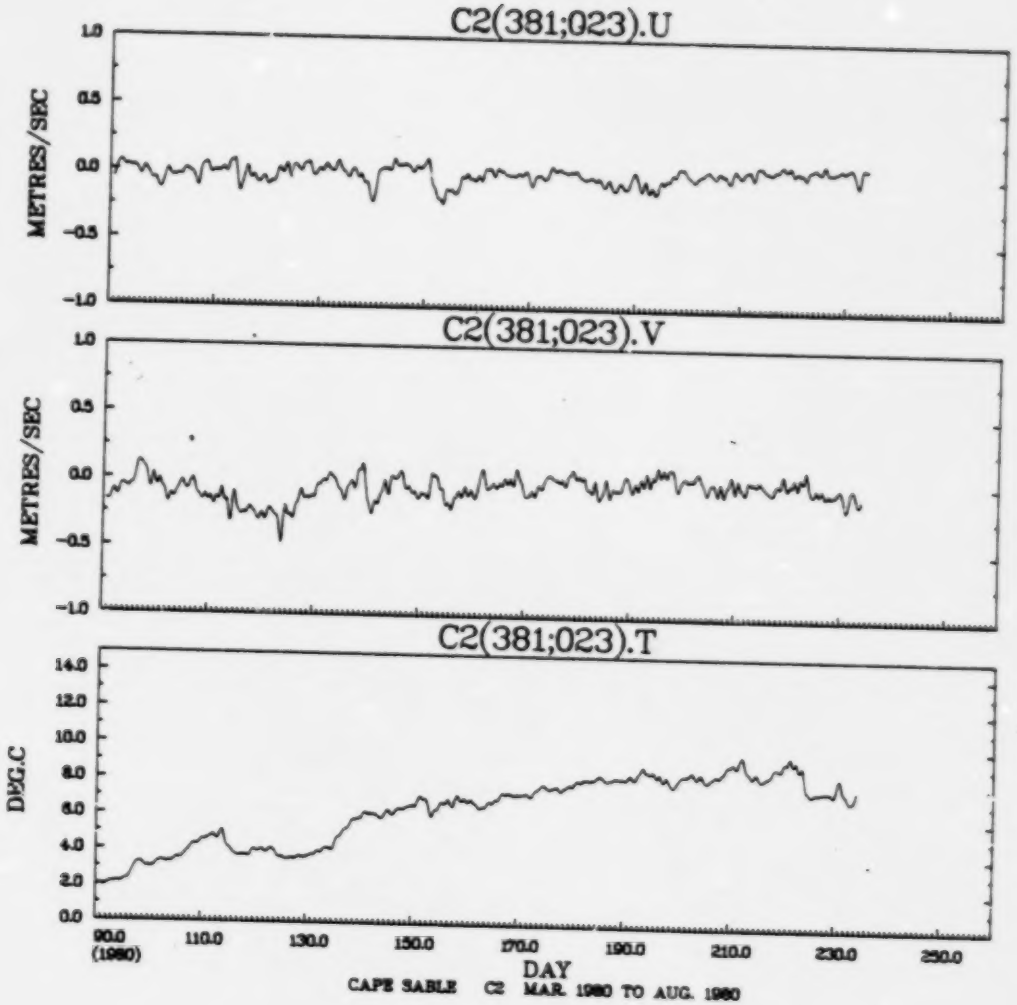


STN. 381, 23 M.



CAPE SABLE C2 MAR. 1980 TO AUG. 1980


C2(381,23).R
METRES/SEC
2.0
1.5
1.0
0.5
0.0
C2(381,23).D
DEG.
360.0
300.0
240.0
180.0
120.0
60.0
0.0
C2(381,23).T
DEG.C
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
87.0
(1980)
107.0
127.0
147.0
167.0
187.0
207.0
227.0
247.0
DAY
CAPE SABLE C2 MAR. 1980 TO AUG. 1980


C2(381;023).U
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
C2(381;023).V
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
C2(381;023).T
DEG.C
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
90.0
(1980)
110.0
130.0
150.0
170.0
190.0
210.0
230.0
250.0
DAY
CAPE SABLE C2 MAR. 1980 TO AUG. 1980

JOINT DISTRIBUTION (PERCENT)

C2(381,23).D VS C2(381,23).R

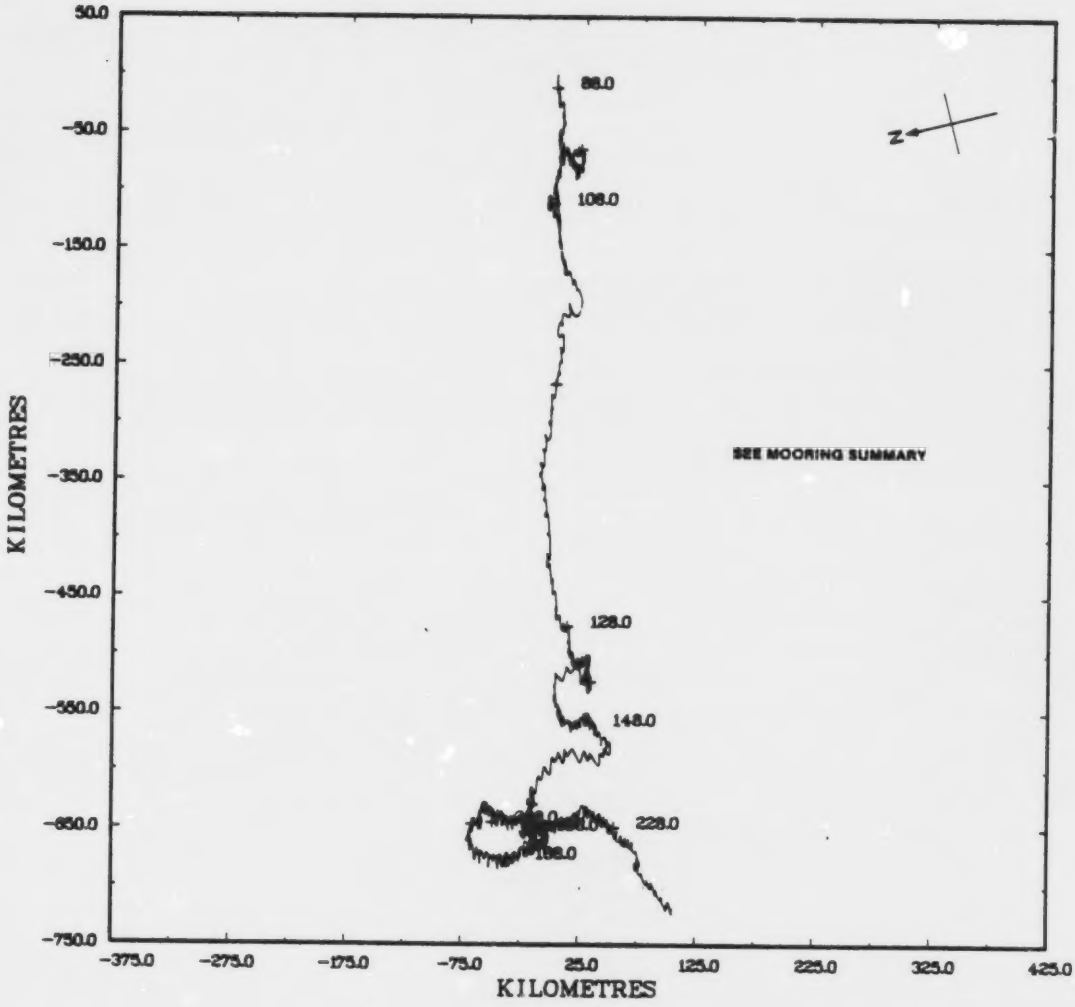
DEG. METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20	1	*										.0		
1.00 TO	1.10	9	*										.2	.0	
.90 TO	1.00	31	*			.0	.1						.8		
.80 TO	.90	96	*			.1	.6						2.0		
.70 TO	.80	216	*			.2	1.5	.1				.1	4.1	.1	
.60 TO	.70	342	*			.3	2.7	.3				.2	5.9	.2	
.50 TO	.60	483	*		.1	.6	5.0	.6				.5	6.3	.5	
.40 TO	.50	597	*		.0	1.2	5.5	1.5			.0	.6	6.4	1.4	.0
.30 TO	.40	566	*	.0	.2	1.6	5.2	1.7	.0	.0	.1	1.4	4.1	1.5	.1
.20 TO	.30	527	*	.1	.4	1.7	3.4	2.6	.3	.2	.3	1.2	2.8	1.5	.4
.10 TO	.20	505	*	.5	.6	1.5	2.0	1.5	1.1	.7	1.1	1.2	1.8	1.5	.7
-.00 TO	.10	202	*	.3	.4	.2	.9	.5	.3	.4	.6	.6	.6	.4	.4
OUT OF RANGE		0	0												
SUB TOTAL		3575	0	34	60	261	962	308	59	46	79	207	1253	249	57

HISTOGRAM OF C2(381:023).T DEG.C

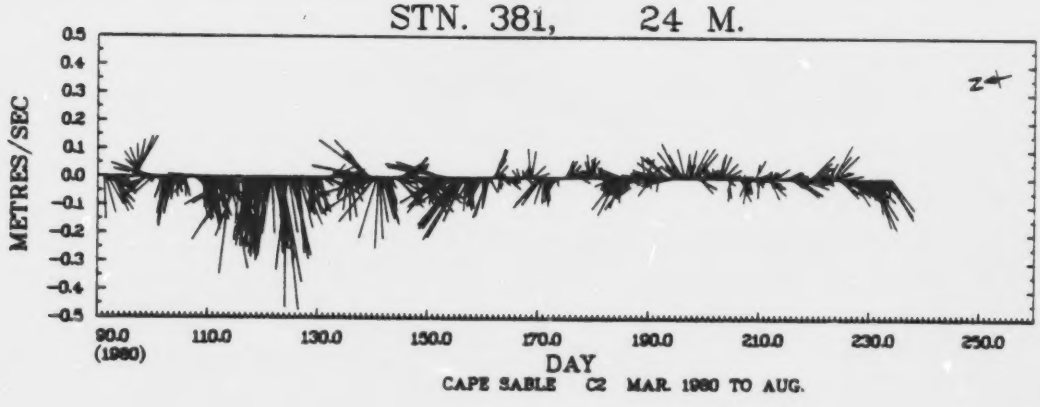
BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
-2.00	-1.50	0	0.0	
-1.50	-1.00	0	0.0	
-1.00	-.50	0	0.0	
-.50	0.00	0	0.0	
0.00	.50	0	0.0	
.50	1.00	0	0.0	
1.00	1.50	0	0.0	
1.50	2.00	64	1.8	**********
2.00	2.50	143	4.0	**********
2.50	3.00	29	.8	******
3.00	3.50	191	5.3	**********
3.50	4.00	404	11.3	**********
4.00	4.50	218	6.1	**********
4.50	5.00	88	2.5	**********
5.00	5.50	79	2.2	**********
5.50	6.00	121	3.4	**********
6.00	6.50	257	7.2	**********
6.50	7.00	220	6.4	**********
7.00	7.50	337	9.4	**********
7.50	8.00	453	12.7	**********
8.00	8.50	424	11.9	**********
8.50	9.00	284	7.9	**********
9.00	9.50	115	3.2	**********
9.50	10.00	105	2.9	**********
10.00	10.50	26	.7	******
10.50	11.00	5	.1	*
11.00	11.50	2	.1	*
11.50	12.00	0	0.0	
12.00	12.50	0	0.0	
12.50	13.00	0	0.0	
13.00	13.50	0	0.0	
13.50	14.00	0	0.0	
14.00	14.50	0	0.0	
14.50	15.00	0	0.0	
15.00	15.50	0	0.0	
15.50	16.00	0	0.0	
16.00	16.50	0	0.0	
16.50	17.00	0	0.0	
17.00	17.50	0	0.0	
17.50	18.00	0	0.0	
18.00	18.50	0	0.0	
18.50	19.00	0	0.0	
19.00	19.50	0	0.0	
19.50	20.00	0	0.0	

TOTAL NO. OF SAMPLES 3575
OUTSIDE RANGE 0

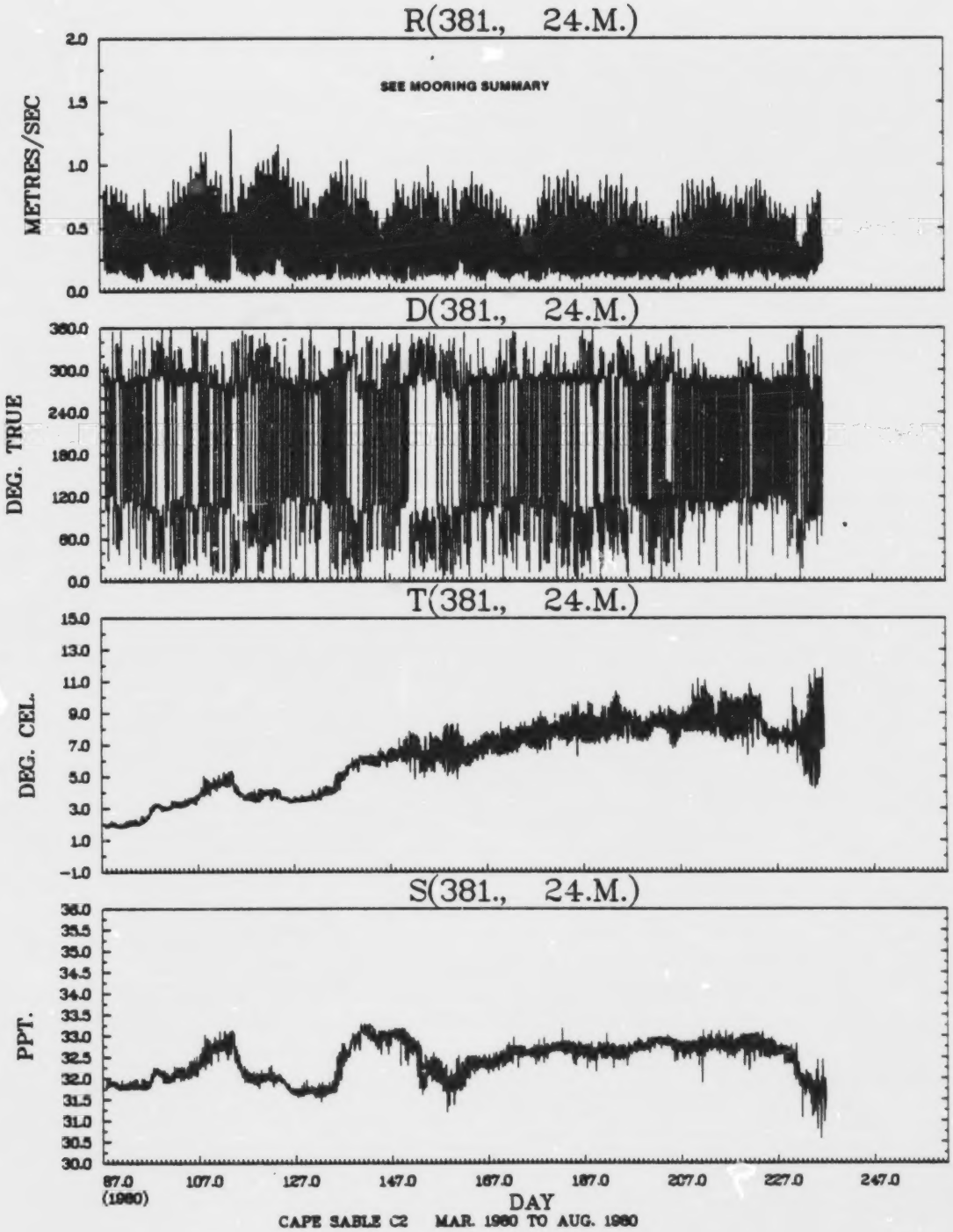
STN. 381, 24 M.

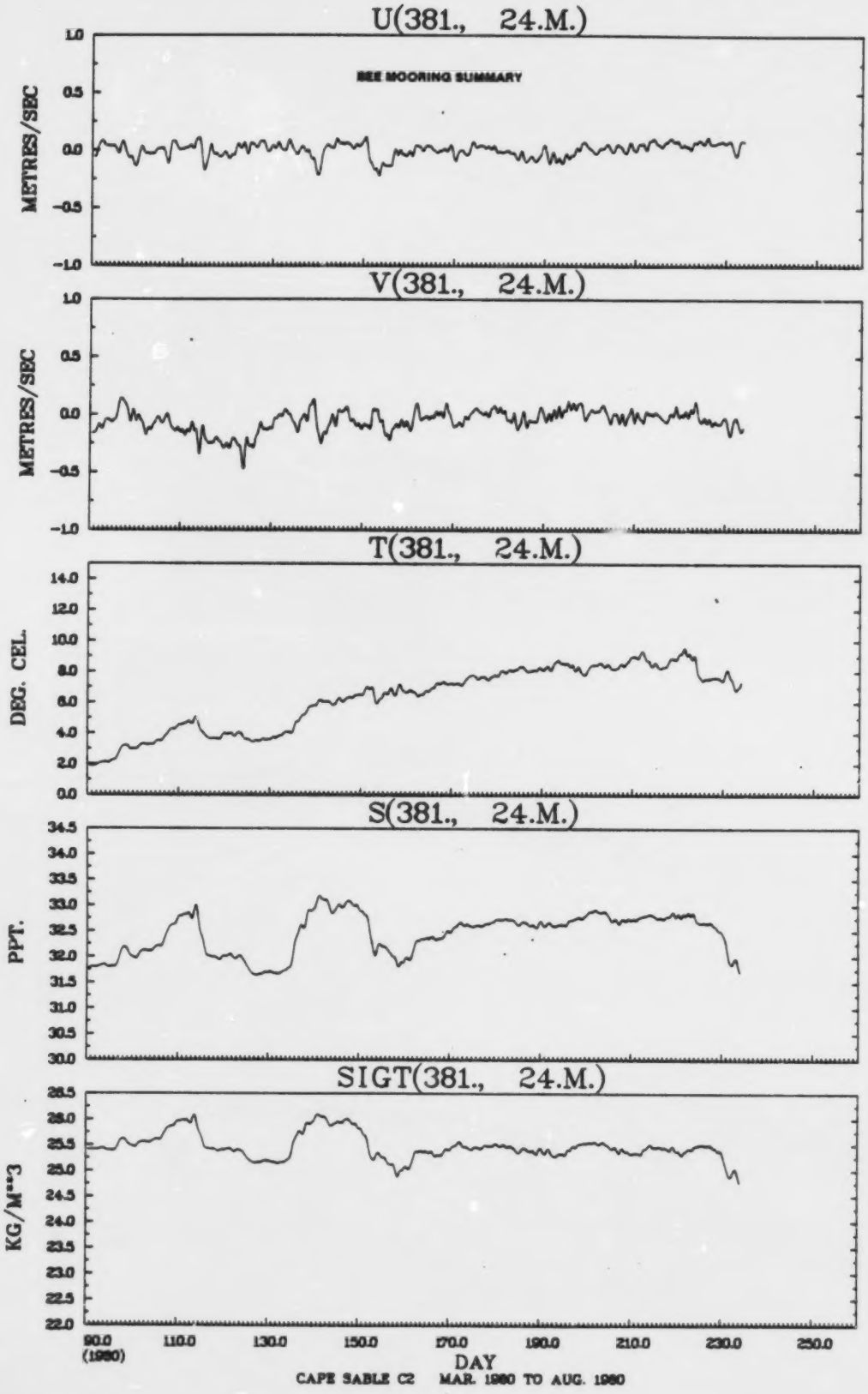


STN. 381, 24 M.



CAPE SABLE C2 MAR. 1980 TO AUG.


R(381., 24.M.)
SEE MOORING SUMMARY
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(381., 24.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(381., 24.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(381., 24.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
87.0
(1980)
107.0
127.0
147.0
167.0
187.0
207.0
227.0
247.0
DAY
CAPE SABLE C2 MAR. 1980 TO AUG. 1980


U(381., 24.M.)
SEE MOORING SUMMARY
METRES/SEC
V(381., 24.M.)
METRES/SEC
T(381., 24.M.)
DEG. CEL.
S(381., 24.M.)
PPT.
SIGT(381., 24.M.)
KG/M**3
90.0
(1980)
110.0
130.0
150.0
170.0
190.0
210.0
230.0
250.0
DAY
CAPE SABLE C2 MAR. 1980 TO AUG. 1980

JOINT DISTRIBUTION (PERCENT)

D(381.0 24.M.) VS R(381.0 24.M.)

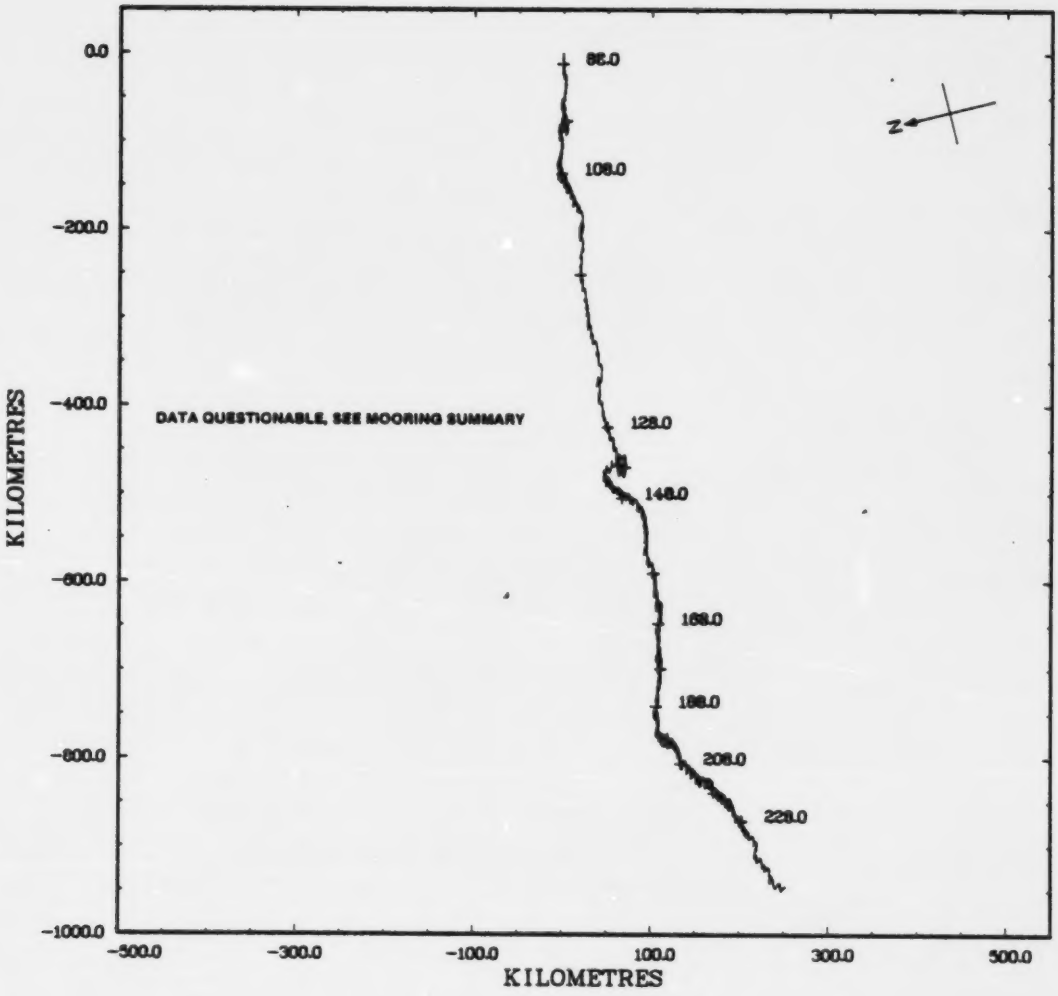
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30	1	*										.0		
1.10 TO	1.20	2	*										.1		
1.00 TO	1.10	9	*										.3		
.90 TO	1.00	31	*				.1						.8	.0	
.80 TO	.90	93	*			.1	.5					.0	1.9		
.70 TO	.80	203	*			.2	1.6	.1				.1	3.7	.0	
.60 TO	.70	348	*		.0	.3	2.6	.4				.3	6.0	.1	
.50 TO	.60	482	*		.0	.4	4.6	.7				.6	6.7	.4	
.40 TO	.50	539	*	.0	.0	1.3	5.0	1.4			.1	1.0	5.4	.9	
.30 TO	.40	596	*		.2	1.9	5.3	1.9	.1		.1	1.3	4.5	1.3	.1
.20 TO	.30	595	*	.2	.4	1.8	3.2	2.8	.7	.3	.6	1.8	2.6	1.8	.4
.10 TO	.20	529	*	.6	1.0	1.6	1.1	1.8	1.3	1.1	1.2	1.6	.9	1.3	1.0
-.00 TO	.10	148	*	.5	.5	.2	.1	.4	.5	.5	.6	.2		.3	.4
OUT OF RANGE		0	0												
SUB TOTAL		3576	0	50	77	278	865	335	94	68	95	250	1176	223	65

JOINT DISTRIBUTION (PERCENT)

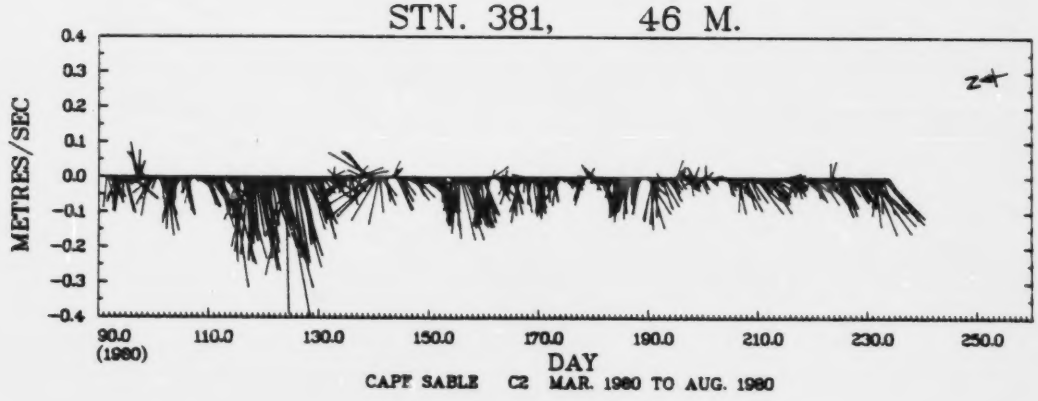
T(381., 24.M.) VS S(381., 24.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50	201	*				5.2	.0	.4				
32.50 TO	33.00	1734	*			3.7	6.8	32.8	5.2				
32.00 TO	32.50	787	*		.2	10.5	5.7	5.3	.3				
31.50 TO	32.00	847	*		6.9	10.8	2.6	2.8	.6	.1			
31.00 TO	31.50	6	*				.1	.1	.0				
30.50 TO	31.00	1	*						.0				
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3576	0		253	892	728	1468	233	2			

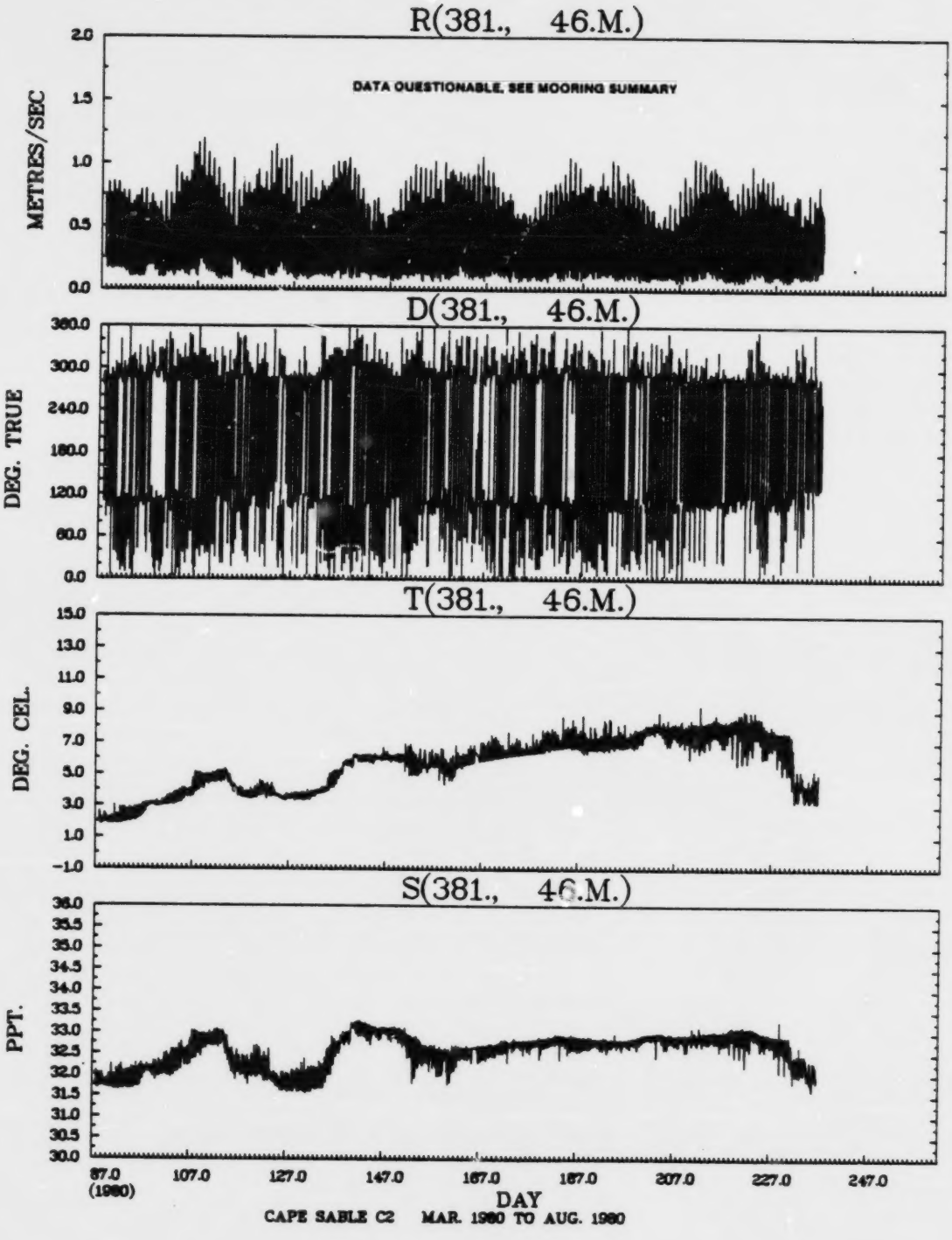
STN. 381, 46 M.

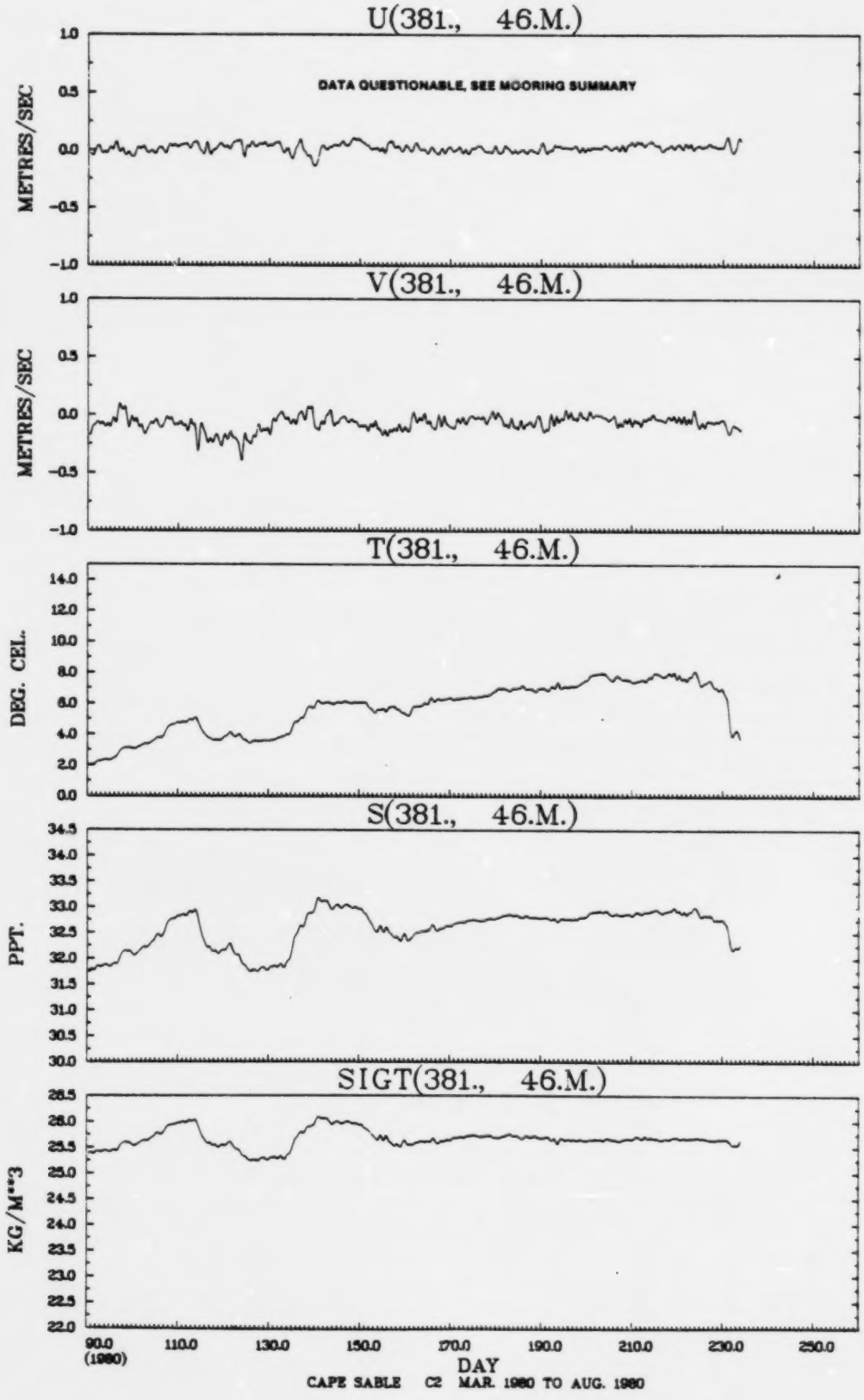


STN. 381, 46 M.



CAPE SABLE C2 MAR. 1980 TO AUG. 1980


R(381., 46.M.)
DATA QUESTIONABLE, SEE MOORING SUMMARY
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(381., 46.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(381., 46.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(381., 46.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
87.0
(1980)
107.0
127.0
147.0
167.0
187.0
207.0
227.0
247.0
DAY
CAPE SABLE C2 MAR. 1980 TO AUG. 1980


U(381., 46.M.)
DATA QUESTIONABLE, SEE MOORING SUMMARY
METRES/SEC
V(381., 46.M.)
METRES/SEC
T(381., 46.M.)
DEG. CEL.
S(381., 46.M.)
PPT.
SIGT(381., 46.M.)
KG/M**3
90.0
(1980)
110.0
130.0
150.0
170.0
190.0
210.0
230.0
250.0
DAY
CAPE SABLE C2 MAR. 1980 TO AUG. 1980

JOINT DISTRIBUTION (PERCENT)

D(381., 46.M.) VS R(381., 46.M.)

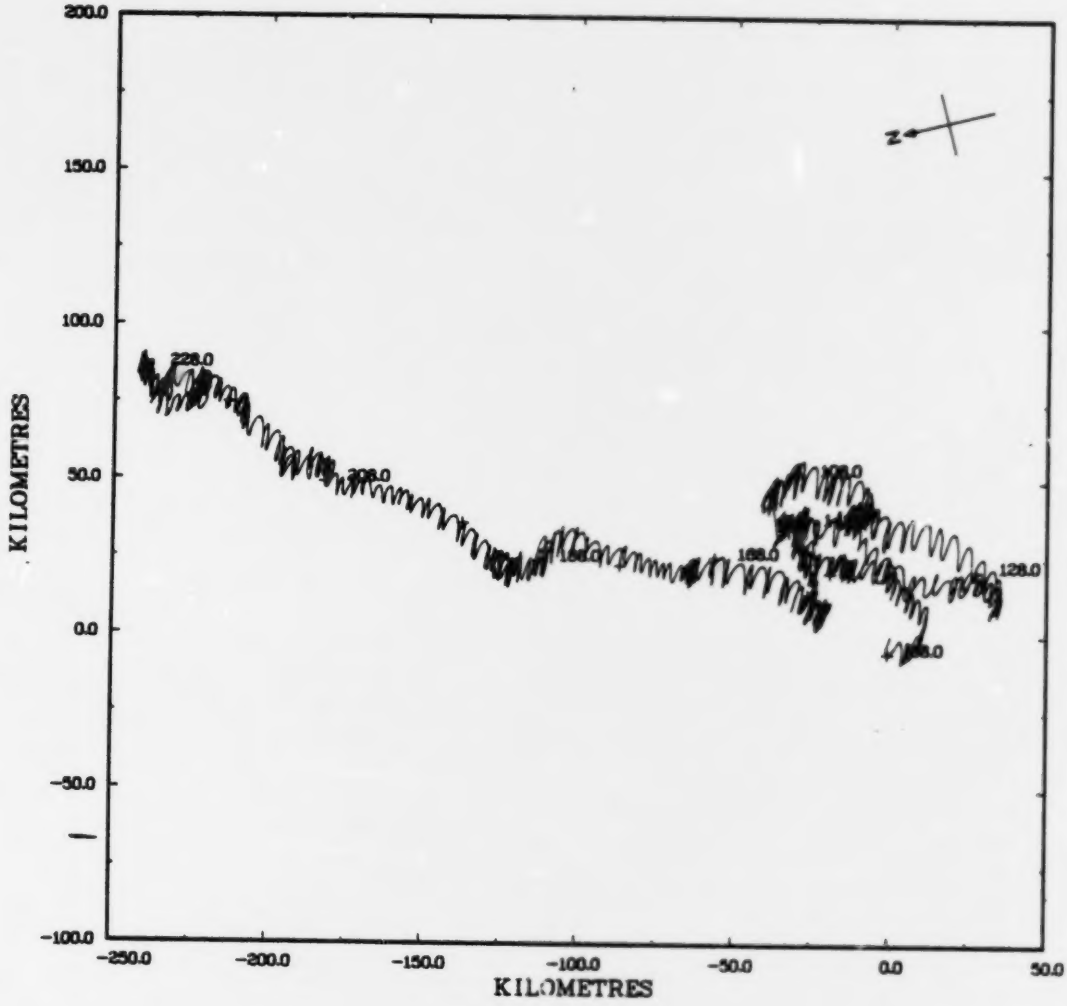
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20	3	*										.1		
1.00 TO	1.10	16	*										.4		
.90 TO	1.00	56	*				.1						1.4		
.80 TO	.90	156	*				.9	.1					3.4	.1	
.70 TO	.80	284	*				2.2	.1				.0	5.6	.1	
.60 TO	.70	385	*				3.6	.5				.1	6.5	.2	
.50 TO	.60	509	*			.0	5.6	1.0				.1	7.2	.3	
.40 TO	.50	550	*			.1	6.0	2.1	.1			.6	5.8	.7	
.30 TO	.40	479	*			.3	4.9	2.4	.3	.0	.1	.9	3.8	.7	
.20 TO	.30	550	*	.0	.0	.9	3.2	2.7	1.1	.5	.8	1.6	2.6	1.8	.1
.10 TO	.20	444	*	.6	.8	1.2	1.1	1.2	1.3	1.1	.8	1.3	.7	1.4	.8
-.00 TO	.10	144	*	.4	.7	.3		.2	.3	.6	.4	.3		.1	.6
OUT OF RANGE		0	0												
SUB TOTAL		3576	0	37	55	100	985	364	111	81	70	175	1348	193	57

JOINT DISTRIBUTION (PERCENT)

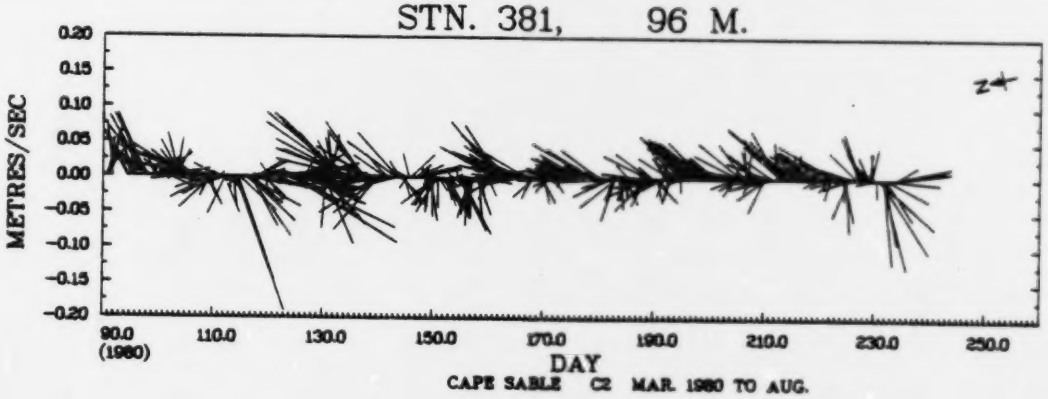
T(381., 46.M.) VS S(381., 46.M.)

PPT. DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50		*										
33.50 TO 34.00		*										
33.00 TO 33.50	274	*				5.3	2.3					
32.50 TO 33.00	2053	*			4.8	30.4	22.1					
32.00 TO 32.50	748	*		.9	15.6	4.3	.0					
31.50 TO 32.00	501	*		5.7	8.2	.0						
31.00 TO 31.50		*										
30.50 TO 31.00		*										
30.00 TO 30.50		*										
OUT OF RANGE	0	0										
SUB TOTAL	3576	0		238	1027	1434	877					

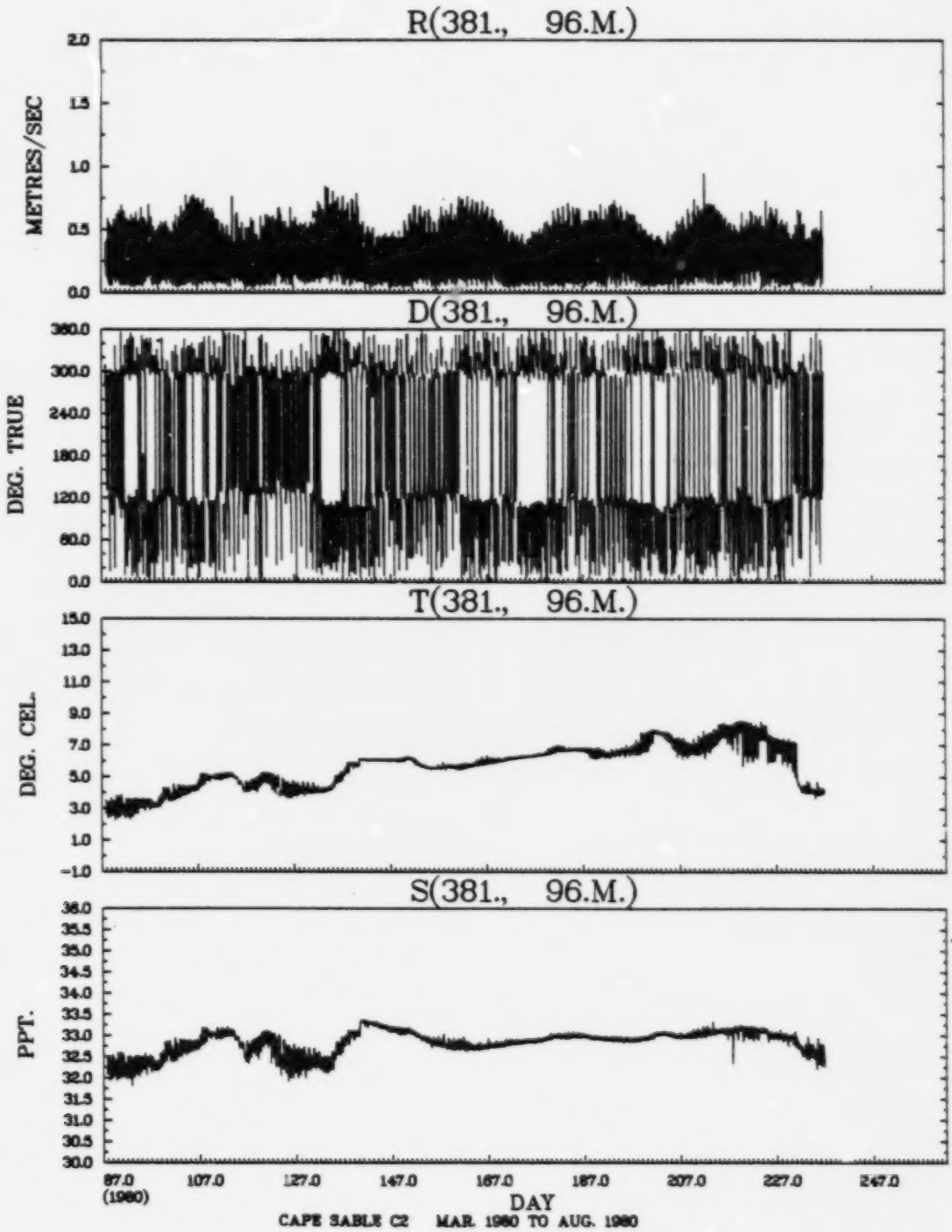
STN. 381, 96 M.

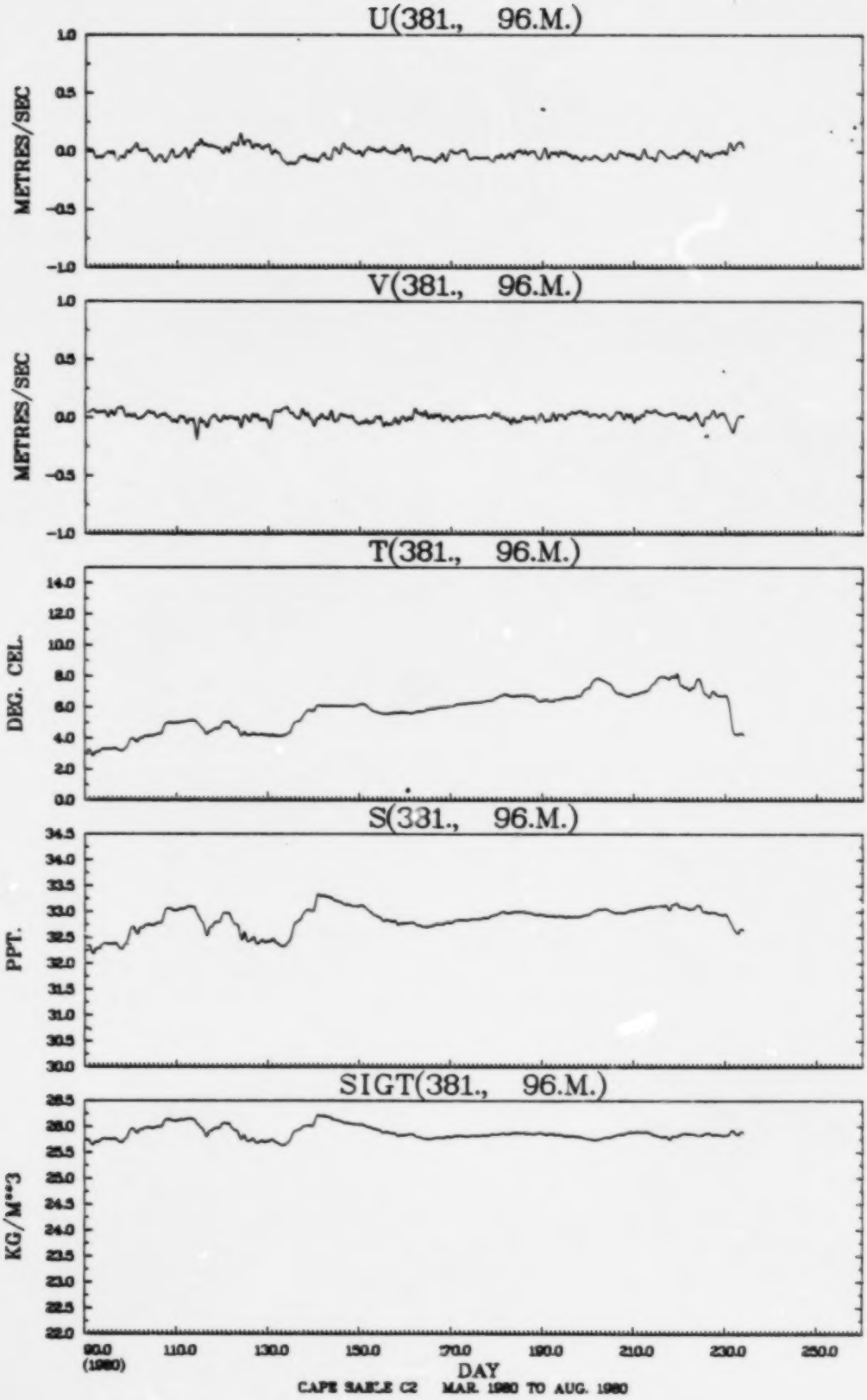


STN. 381, 96 M.



CAPE SABLE CI MAR. 1980 TO AUG.


R(381., 96.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(381., 96.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(381., 96.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(381., 96.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
87.0
(1980)
107.0
127.0
147.0
167.0
187.0
207.0
227.0
247.0
DAY
CAPE SABLE C2 MAR. 1980 TO AUG. 1980


U(381., 96.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(381., 96.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(381., 96.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(331., 96.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(381., 96.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
90.0
(1980)
110.0
130.0
150.0
170.0
190.0
210.0
230.0
250.0
DAY
CAPE SABLE C2 MAR. 1980 TO AUG. 1980

JOINT DISTRIBUTION (PERCENT)

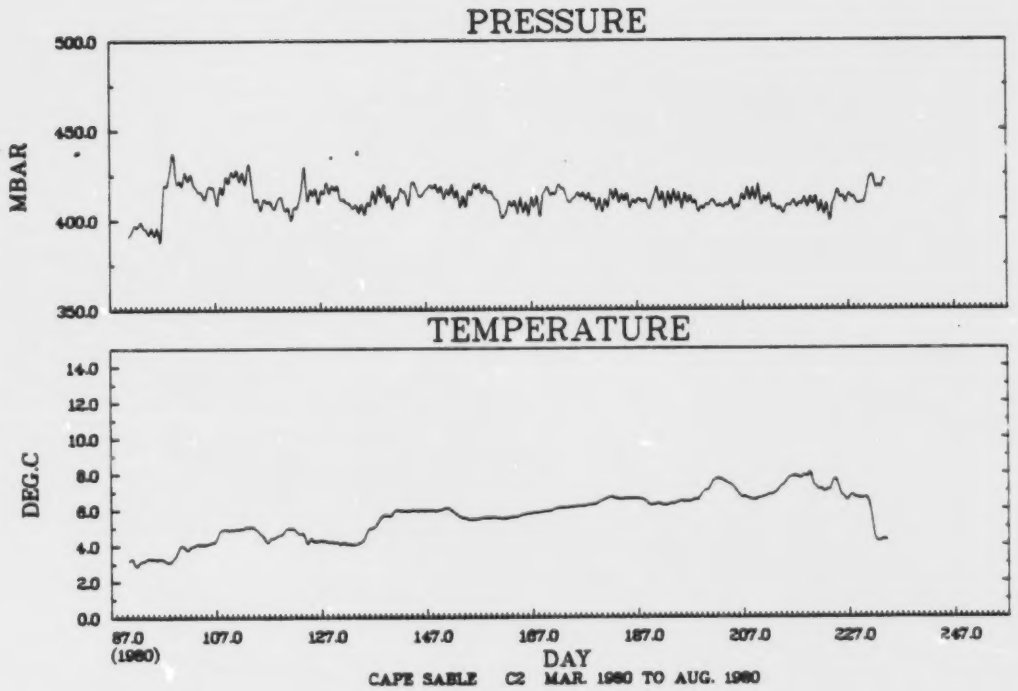
D(381.m 96.M.) VS R(381.m 96.M.)

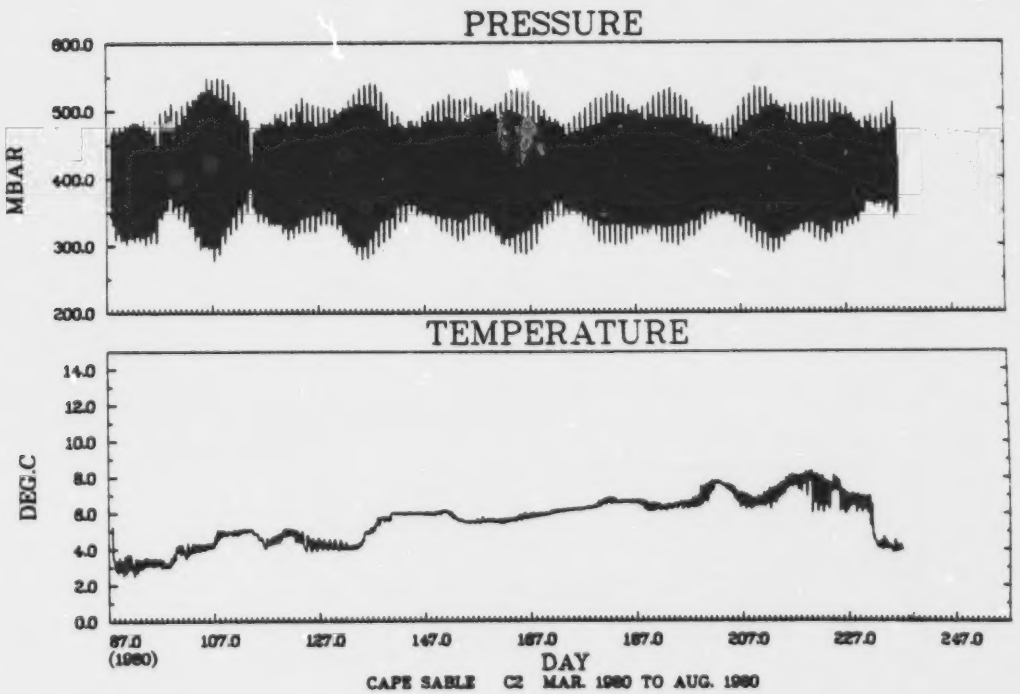
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90	1	*				.0								
.70 TO	.80	22	*				.3	.1					.1	.1	
.60 TO	.70	173	*				2.5	.3					1.5	.6	
.50 TO	.60	474	*			.0	5.2	2.0	.0				3.5	2.5	
.40 TO	.50	794	*			.1	6.9	3.9	.1			.0	5.8	5.5	.0
.30 TO	.40	722	*	.0		.5	4.8	3.7	.1			.1	4.9	5.6	.3
.20 TO	.30	598	*	.4	.3	1.2	3.3	2.4	.5	.1	.1	.4	3.7	3.2	1.1
.10 TO	.20	558	*	1.1	.9	1.6	2.0	1.5	1.1	.5	.4	1.1	2.0	2.1	1.3
-.00 TO	.10	235	*	.9	.7	.7	.3	.1	.6	.6	.7	.6	.3	.6	.5
OUT OF RANGE		0	0												
SUB TOTAL		3577	0	88	68	148	911	498	86	42	39	81	782	718	116

JOINT DISTRIBUTION (PERCENT)

T(381., 96.M.) VS S(381., 96.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50	1037	*			.4	17.5	11.1					
32.50 TO	33.00	2042	*			17.1	36.9	3.1					
32.00 TO	32.50	493	*		1.9	11.9							
31.50 TO	32.00	5	*		.1	.0							
31.00 TO	31.50		*										
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3577	0		73	1052	1944	508					


PRESSURE
MBAR
500.0
450.0
400.0
350.0
TEMPERATURE
DEG.C
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
87.0
(1980)
107.0
127.0
147.0
167.0
187.0
207.0
227.0
247.0
DAY
CAPE SABLE C2 MAR. 1980 TO AUG. 1980


PRESSURE
MBAR
600.0
500.0
400.0
300.0
200.0
TEMPERATURE
DEG.C
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
87.0
(1980)
107.0
127.0
147.0
167.0
187.0
207.0
227.0
247.0
DAY
CAPE SABLE C2 MAR. 1980 TO AUG. 1980

HISTOGRAM OF PRESSURE (381.,110.M.) MBAR

BAND .GE.	.LT.	NUMBER IN BAND	PER CENT	
0.00	20.00	0	0.0	
20.00	40.00	0	0.0	
40.00	60.00	0	0.0	
60.00	80.00	0	0.0	
80.00	100.00	0	0.0	
100.00	120.00	0	0.0	
120.00	140.00	0	0.0	
140.00	160.00	0	0.0	
160.00	180.00	0	0.0	
180.00	200.00	0	0.0	
200.00	220.00	0	0.0	
220.00	240.00	0	0.0	
240.00	260.00	0	0.0	
260.00	280.00	2	.1	*
280.00	300.00	43	1.2	*********
300.00	320.00	197	5.5	**********
320.00	340.00	332	9.3	**********
340.00	360.00	423	11.8	**********
360.00	380.00	332	9.3	**********
380.00	400.00	308	8.6	**********
400.00	420.00	257	7.2	**********
420.00	440.00	288	8.0	**********
440.00	460.00	327	9.1	**********
460.00	480.00	423	11.8	**********
480.00	500.00	383	10.7	**********
500.00	520.00	195	5.4	**********
520.00	540.00	59	1.6	**********
540.00	560.00	9	.3	**

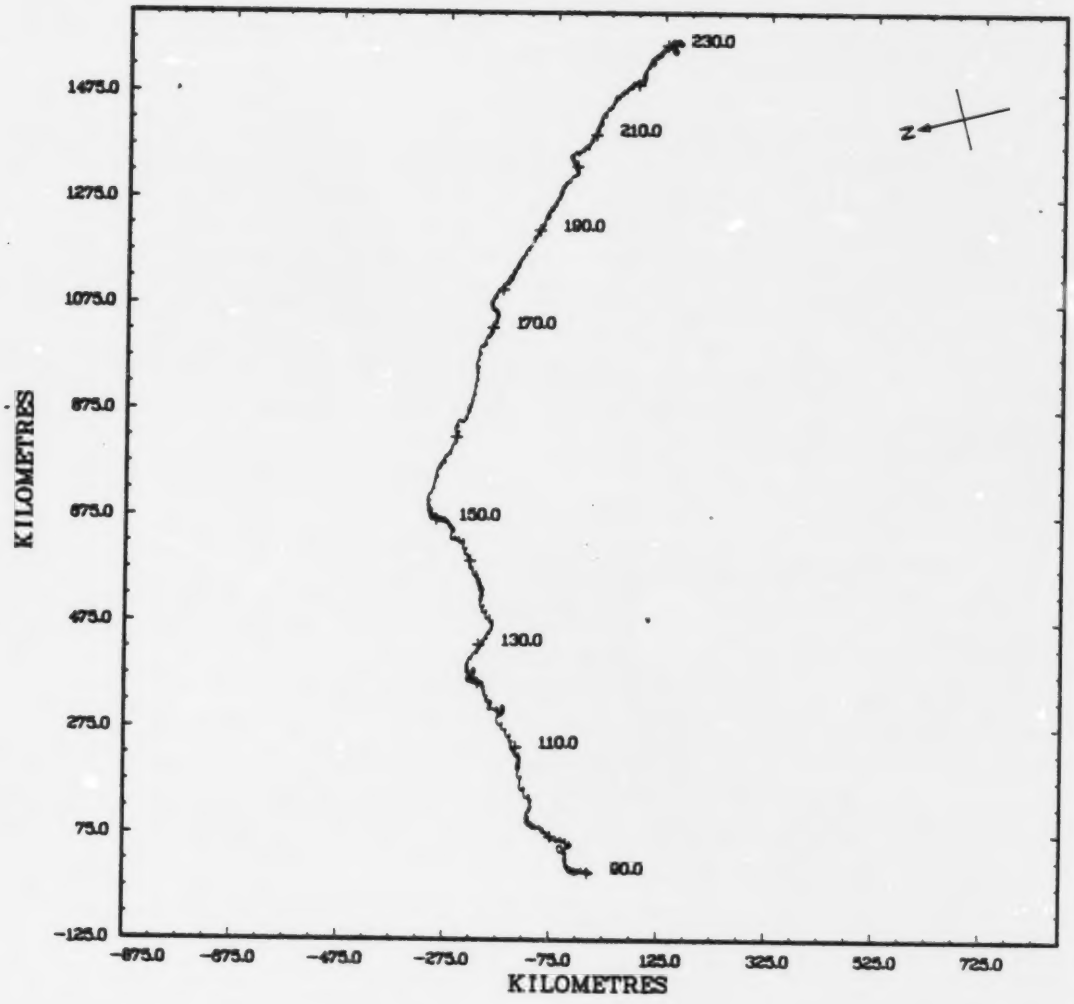
TOTAL NO. OF SAMPLES 3578
OUTSIDE RANGE 0

HISTOGRAM OF TEMPERATURE DEG.C

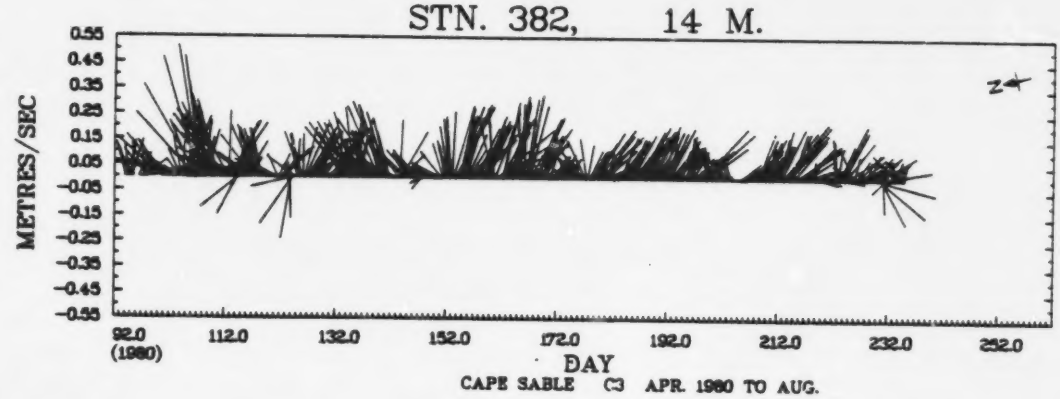
BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT
-2.00	-1.50	0	0.0
-1.50	-1.00	0	0.0
-1.00	-.50	0	0.0
-.50	0.00	0	0.0
0.00	.50	0	0.0
.50	1.00	0	0.0
1.00	1.50	0	0.0
1.50	2.00	0	0.0
2.00	2.50	1	.0
2.50	3.00	58	1.6
3.00	3.50	188	5.3
3.50	4.00	151	4.2
4.00	4.50	485	13.6
4.50	5.00	316	8.8
5.00	5.50	228	6.4
5.50	6.00	657	18.4
6.00	6.50	594	16.6
6.50	7.00	469	13.1
7.00	7.50	146	4.1
7.50	8.00	177	4.9
8.00	8.50	67	1.9
8.50	9.00	0	0.0
9.00	9.50	0	0.0
9.50	10.00	0	0.0
10.00	10.50	0	0.0
10.50	11.00	0	0.0
11.00	11.50	0	0.0
11.50	12.00	0	0.0
12.00	12.50	0	0.0
12.50	13.00	0	0.0
13.00	13.50	0	0.0
13.50	14.00	0	0.0
14.00	14.50	0	0.0
14.50	15.00	0	0.0
15.00	15.50	0	0.0
15.50	16.00	0	0.0
16.00	16.50	0	0.0
16.50	17.00	0	0.0
17.00	17.50	0	0.0
17.50	18.00	0	0.0
18.00	18.50	0	0.0
18.50	19.00	0	0.0
19.00	19.50	0	0.0
19.50	20.00	0	0.0

TOTAL NO. OF SAMPLES 3578
OUTSIDE RANGE 0

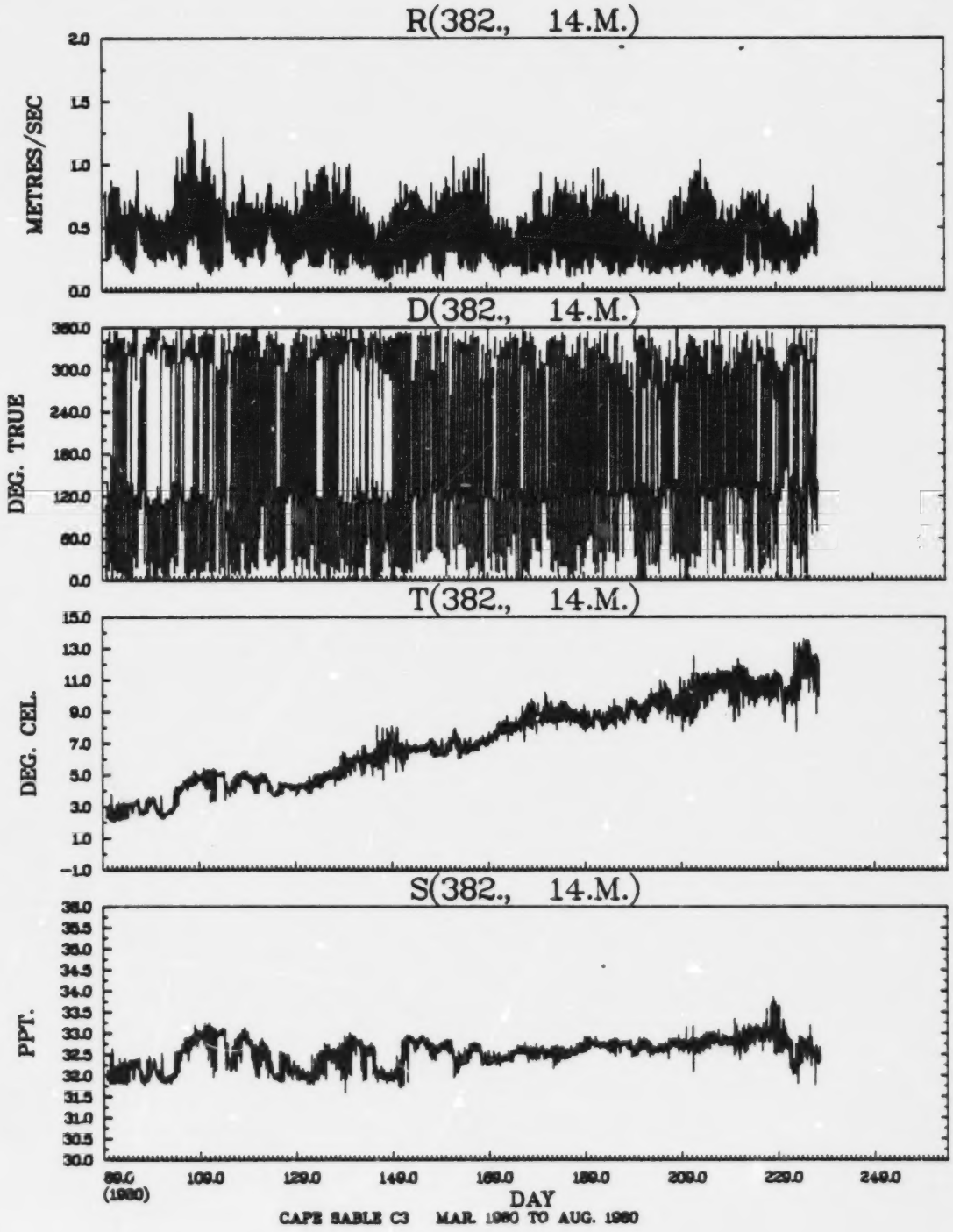
STN. 382, 14 M.

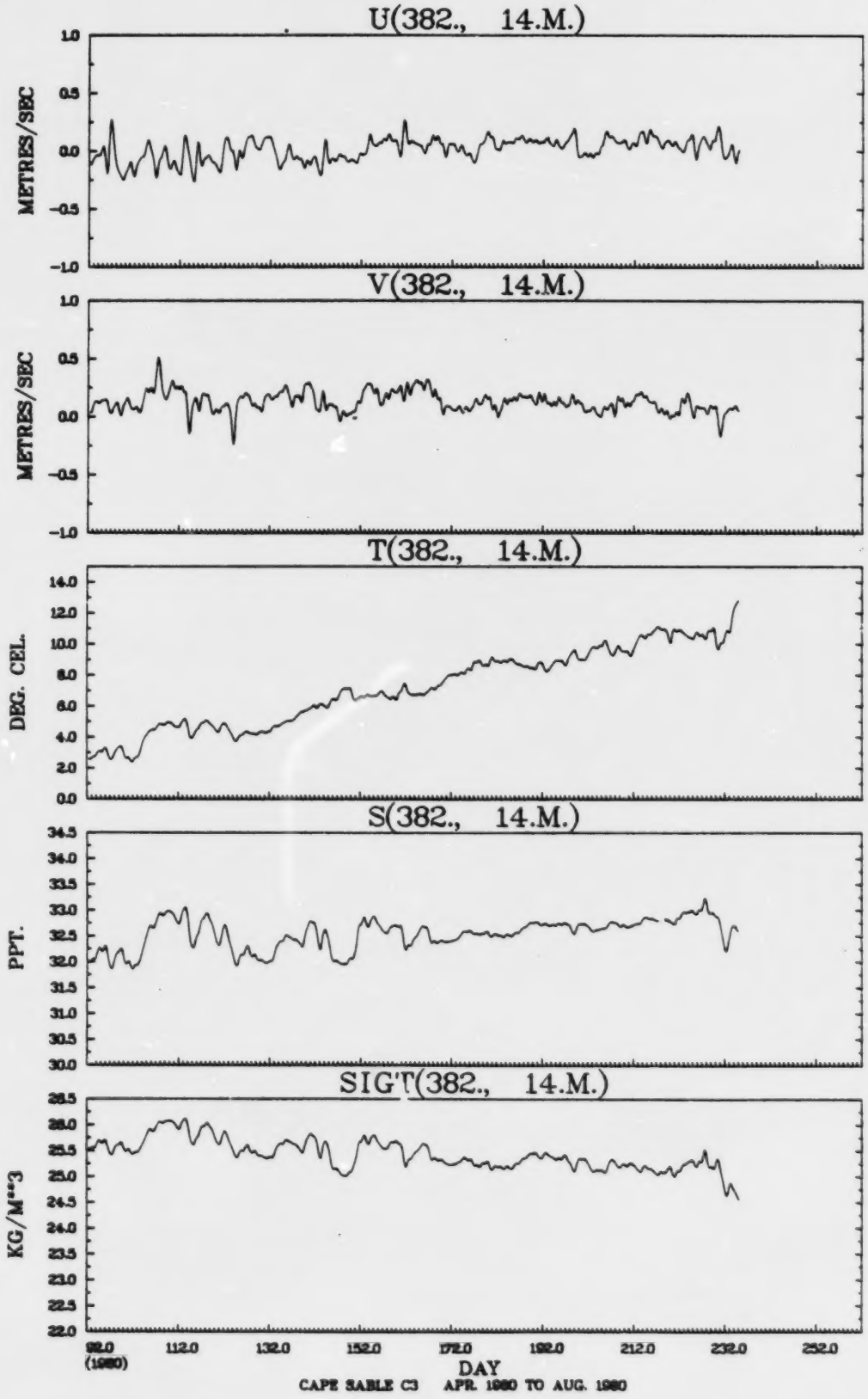


STN. 382, 14 M.



CAPE SABLE C3 APR. 1980 TO AUG.


R(382., 14.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(382., 14.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(382., 14.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(382., 14.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
89.0
(1980)
109.0
129.0
149.0
169.0
189.0
209.0
229.0
249.0
DAY
CAPE SABLE C3 MAR. 1980 TO AUG. 1980


U(382., 14.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(382., 14.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(382., 14.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(382., 14.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(382., 14.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
92.0
(1980)
112.0
132.0
152.0
172.0
192.0
212.0
232.0
252.0
DAY
CAPE SABLE C3 APR. 1980 TO AUG. 1980

JOINT DISTRIBUTION (PERCENT)

D(382., 14.M.) VS R(382., 14.M.)

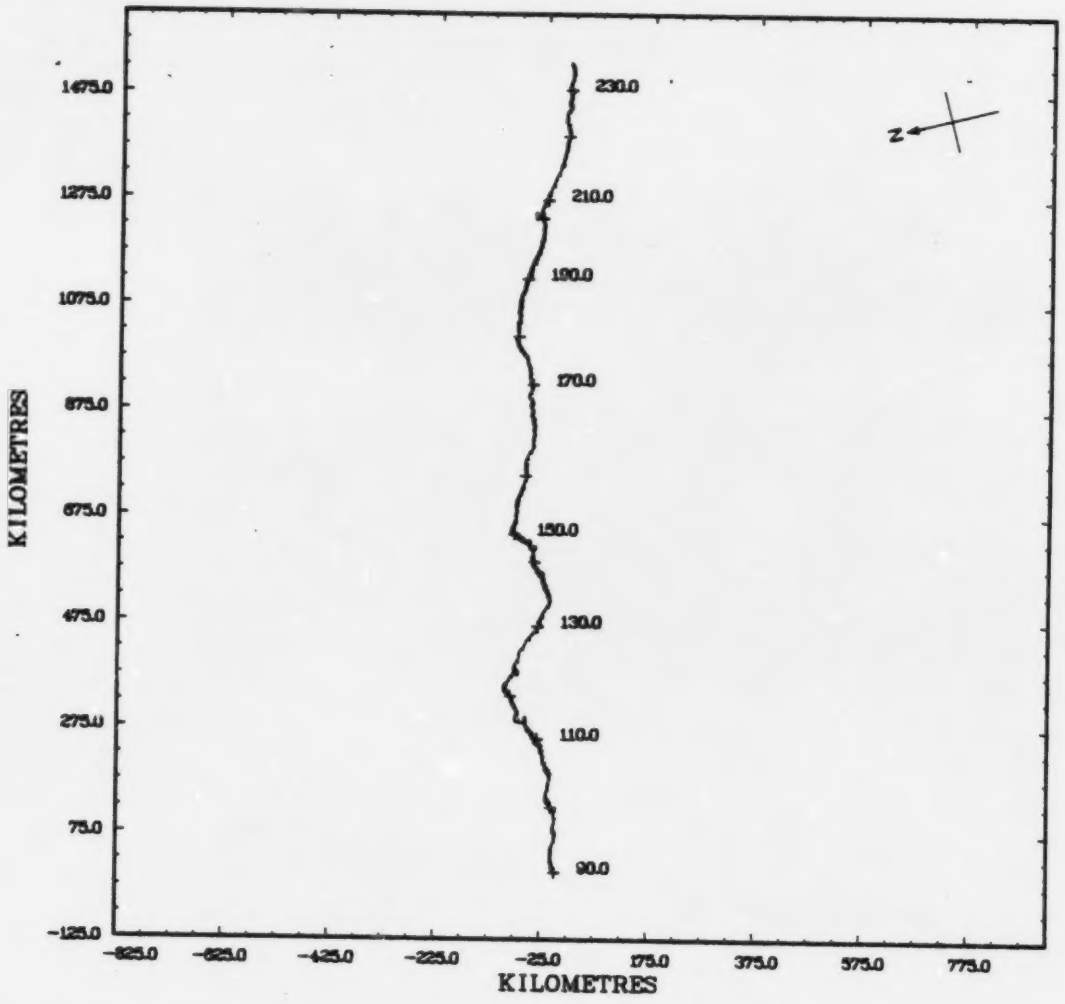
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40	3	*				.1								
1.20 TO	1.30	1	*				.0								
1.10 TO	1.20	10	*				.2	.0					.0	.0	
1.00 TO	1.10	12	*				.2	.1						.0	
.90 TO	1.00	31	*			.0	.6	.3							
.80 TO	.90	99	*		.0	.1	1.3	1.1					.1	.1	.0
.70 TO	.80	206	*	.0		.1	2.2	2.4				.0	.3	.7	.1
.60 TO	.70	390	*			.2	2.9	4.9	.1			.1	1.0	1.7	.1
.50 TO	.60	631	*	.1	.2	.6	4.3	5.7	.4	.1	.1	.3	1.4	3.3	1.2
.40 TO	.50	709	*	.3	.4	.9	3.8	4.5	1.0	.1	.1	.7	2.3	4.2	1.5
.30 TO	.40	657	*	1.0	.6	1.2	2.4	2.7	1.3	.6	.7	.8	2.5	3.1	1.7
.20 TO	.30	498	*	1.0	.8	1.3	.9	1.2	1.2	.8	.9	1.3	1.7	1.6	1.4
.10 TO	.20	264	*	.7	.7	.9	.4	.3	.6	.8	.7	.5	.7	.4	.7
-.00 TO	.10	39	*	.3	.1	.1	.0		.1	.1	.2	.1	.0	.0	.1
OUT OF RANGE		0	0												
SUB TOTAL		3550	0	125	104	195	687	825	162	84	95	132	359	538	244

JOINT DISTRIBUTION (PERCENT)

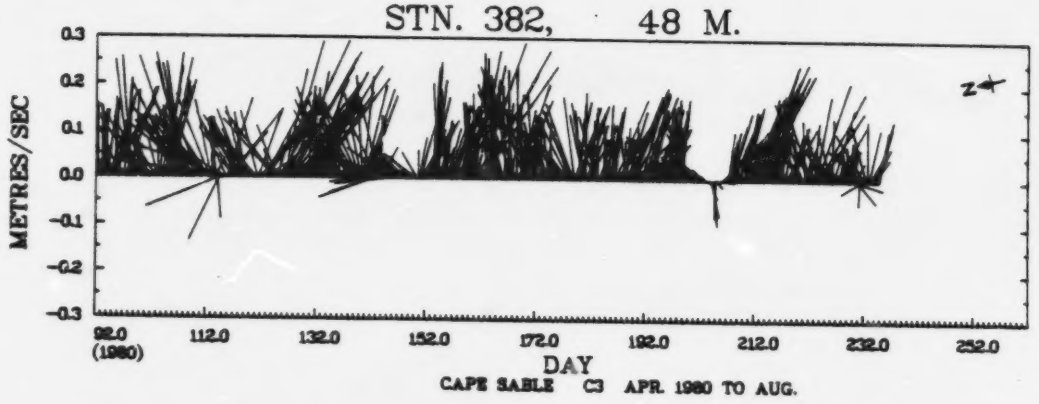
T(382., 14.M.) VS S(382., 14.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00	2	*						.1				
33.00 TO	33.50	148	*			.1	1.7		2.2	.2			
32.50 TO	33.00	2071	*			7.5	13.2	15.4	17.0	5.0	.4		
32.00 TO	32.50	968	*		1.3	11.7	4.7	6.2	2.5	.9			
31.50 TO	32.00	361	*		4.9	2.7	1.8	.8					
31.00 TO	31.50		*										
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3550	0		220	777	760	794	771	215	13		

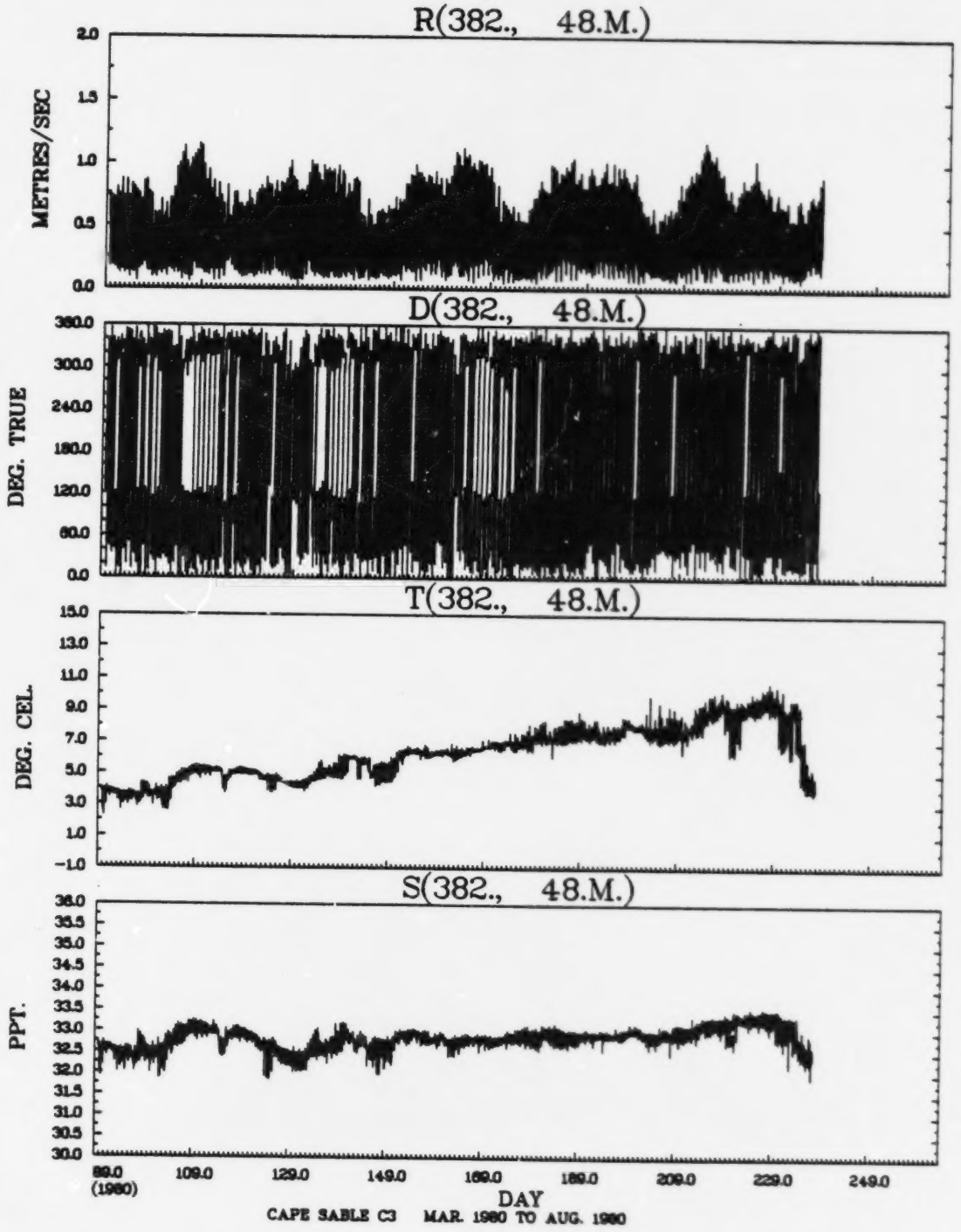
STN. 382, 48 M.

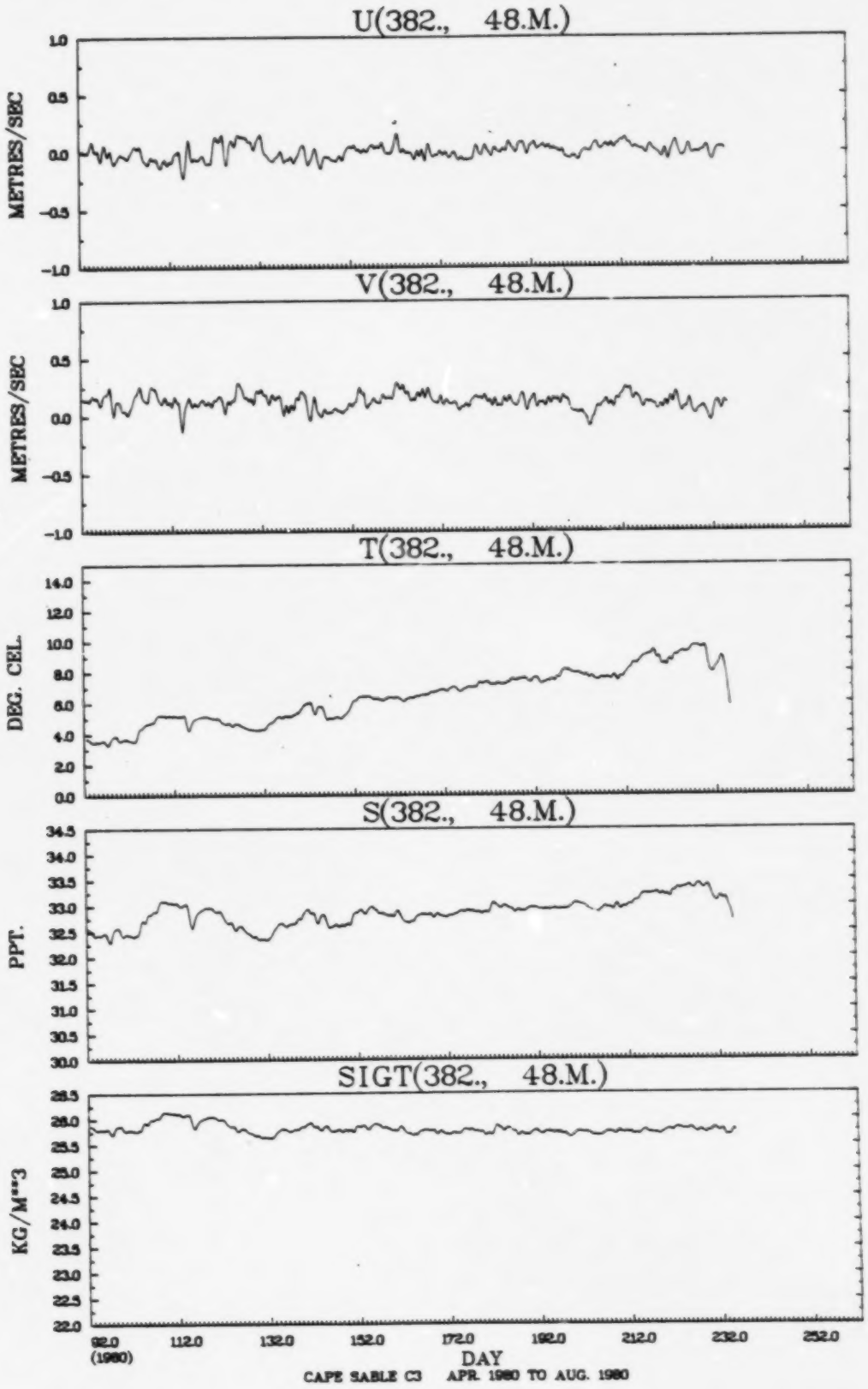


STN. 382, 48 M.



CAPE SABLE C3 APR. 1980 TO AUG.


R(382., 48.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(382., 48.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(382., 48.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(382., 48.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
89.0
(1980)
109.0
129.0
149.0
169.0
189.0
209.0
229.0
249.0
DAY
CAPE SABLE C3 MAR. 1980 TO AUG. 1980


U(382., 48.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(382., 48.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(382., 48.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(382., 48.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(382., 48.M.)
KG/M**3
28.5
28.0
27.5
27.0
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
92.0
(1980)
112.0
132.0
152.0
172.0
192.0
212.0
232.0
252.0
DAY
CAPE SABLE C3 APR. 1980 TO AUG. 1980

JOINT DISTRIBUTION (PERCENT)

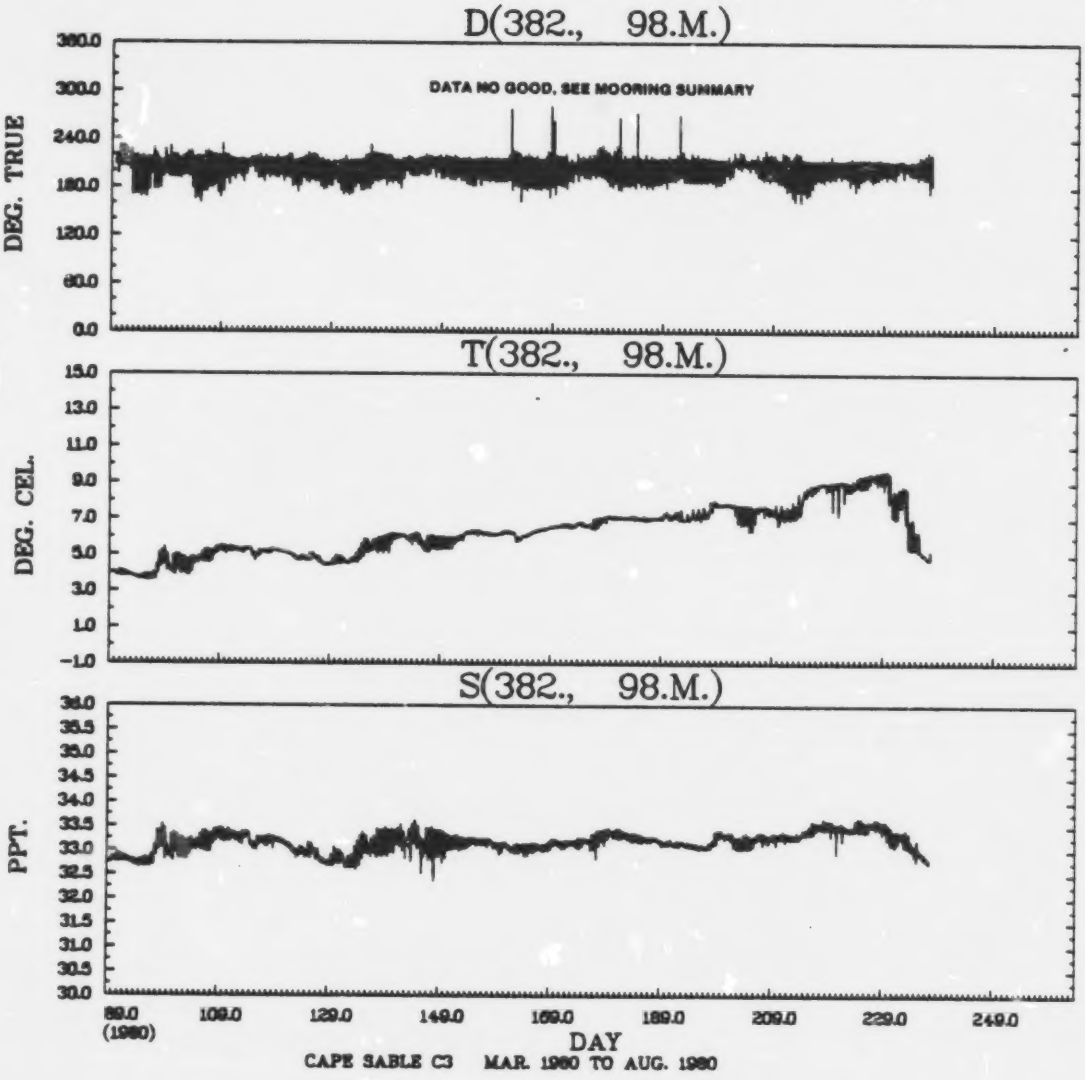
D(382., 48.M.) VS P(382., 48.M.)

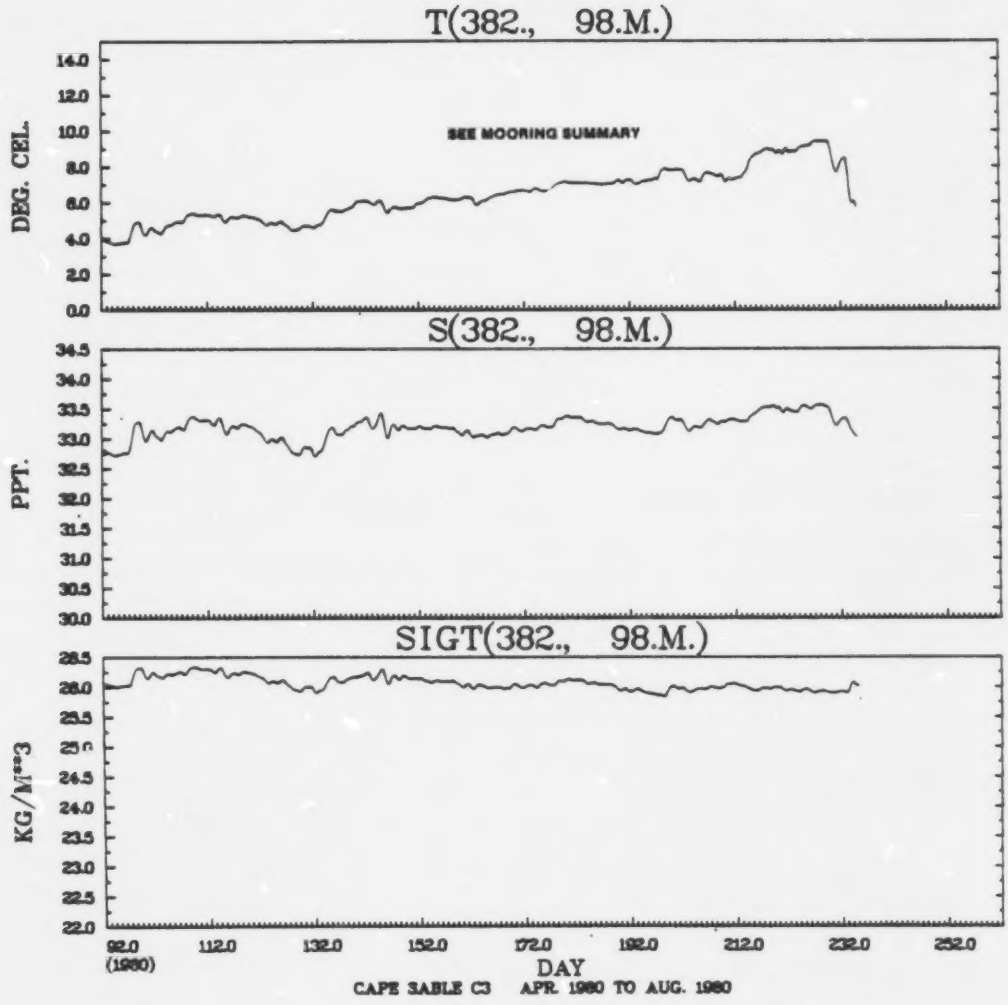
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20	3	*				.1								
1.00 TO	1.10	23	*				.4	.3							
.90 TO	1.00	70	*				1.1	.9							
.80 TO	.90	172	*				2.6	2.2					.1	.1	
.70 TO	.80	257	*				3.0	3.3					.3	.6	
.60 TO	.70	343	*			.1	3.9	3.2					1.3	1.3	
.50 TO	.60	473	*			.3	3.8	3.0	.2				2.1	3.7	.2
.40 TO	.50	597	*	.1	.1	.8	3.4	2.8	.3			.2	2.9	5.5	.7
.30 TO	.40	563	*	.2	.5	1.5	1.9	1.9	.6	.0	.1	.6	2.5	4.2	1.9
.20 TO	.30	609	*	1.2	1.6	1.9	1.0	1.4	1.3	.7	.4	1.2	2.1	2.2	2.1
.10 TO	.20	371	*	1.0	1.1	.9	.5	.6	1.0	.8	1.0	1.0	1.0	.4	1.1
-.00 TO	.10	71	*	.3	.2	.1	.1		.2	.3	.3	.3	.1	.1	.1
OUT OF RANGE		0	0												
SUB TOTAL		3552	0	99	120	199	773	694	125	67	63	116	437	640	219

JOINT DISTRIBUTION (PERCENT)

T(382., 48.M.) VS S(382., 48.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00	14	*						.4				
33.00 TO	33.50	818	*				5.5	10.1	7.5				
32.50 TO	33.00	2280	*			16.2	28.4	19.5	.1				
32.00 TO	32.50	439	*		.2	11.9	.3						
31.50 TO	32.00	1	*			.0							
31.00 TO	31.50		*										
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3552	0		7	1000	1212	1049	284				


D(382., 98.M.)
DATA NO GOOD, SEE MOORING SUMMARY
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(382., 98.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(382., 98.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
89.0
(1980)
109.0
129.0
149.0
169.0
189.0
209.0
229.0
249.0
DAY
CAPE SABLE C3 MAR. 1980 TO AUG. 1980

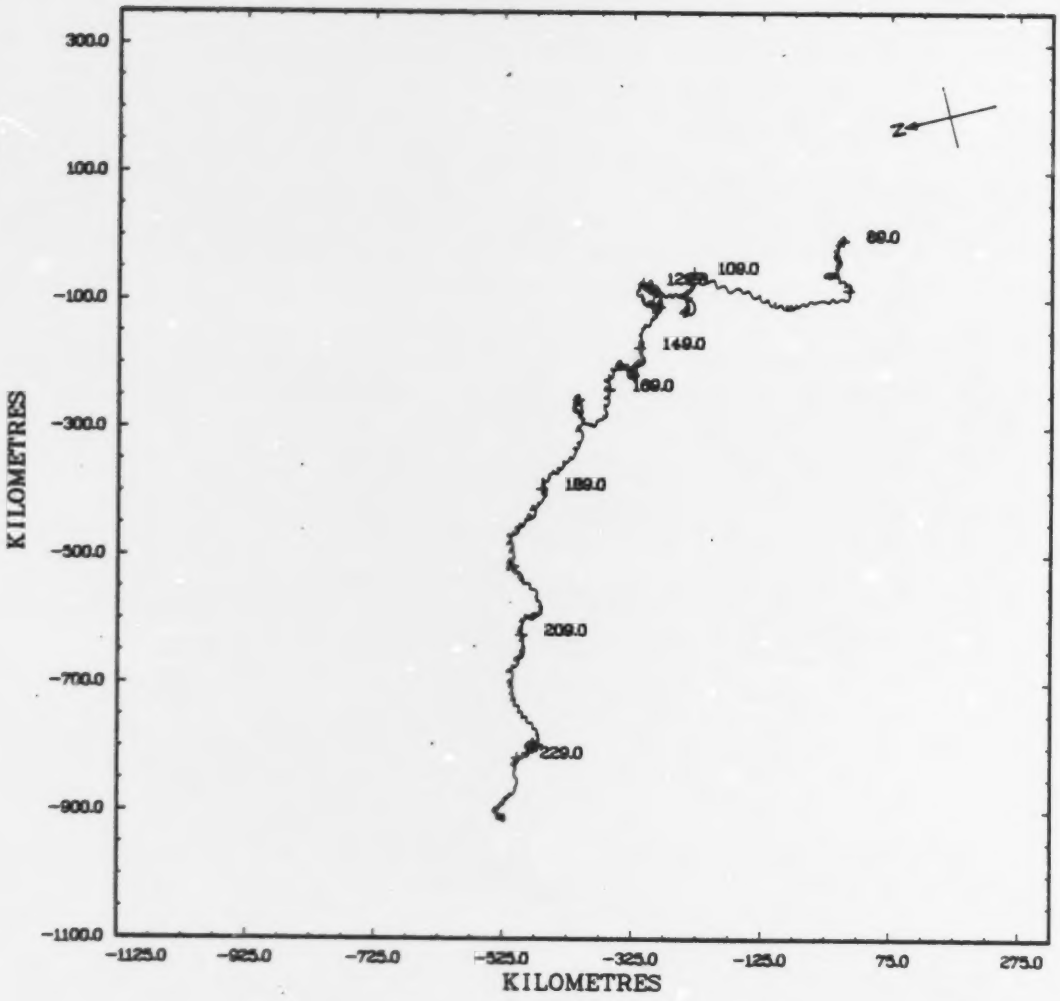

T(382., 98.M.)
DEG. CEL.
SEE MOORING SUMMARY
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(382., 98.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(382., 98.M.)
KG/M**3
28.5
28.0
25.5
24.5
24.0
23.5
23.0
22.5
22.0
92.0
(1980)
112.0
132.0
152.0
172.0
192.0
212.0
232.0
252.0
DAY
CAPE SABLE C3 APR. 1980 TO AUG. 1980

JOINT DISTRIBUTION (PERCENT)

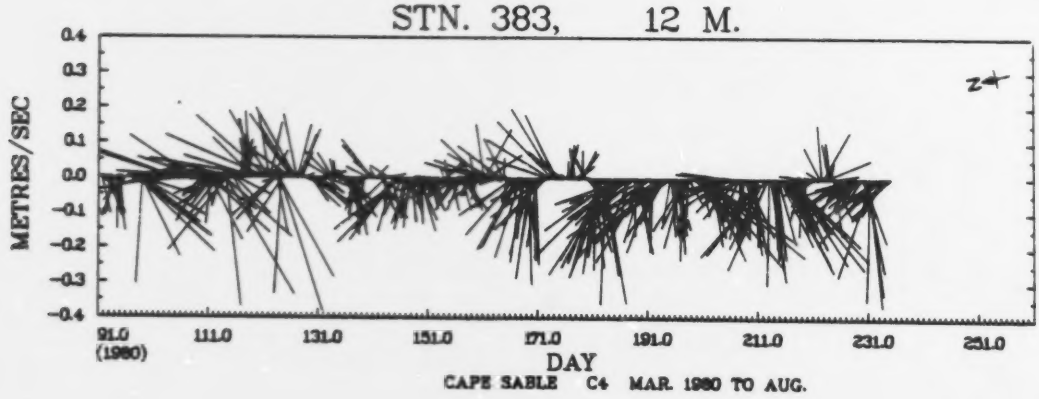
T(382., 98.M.) VS S(382., 98.M.)

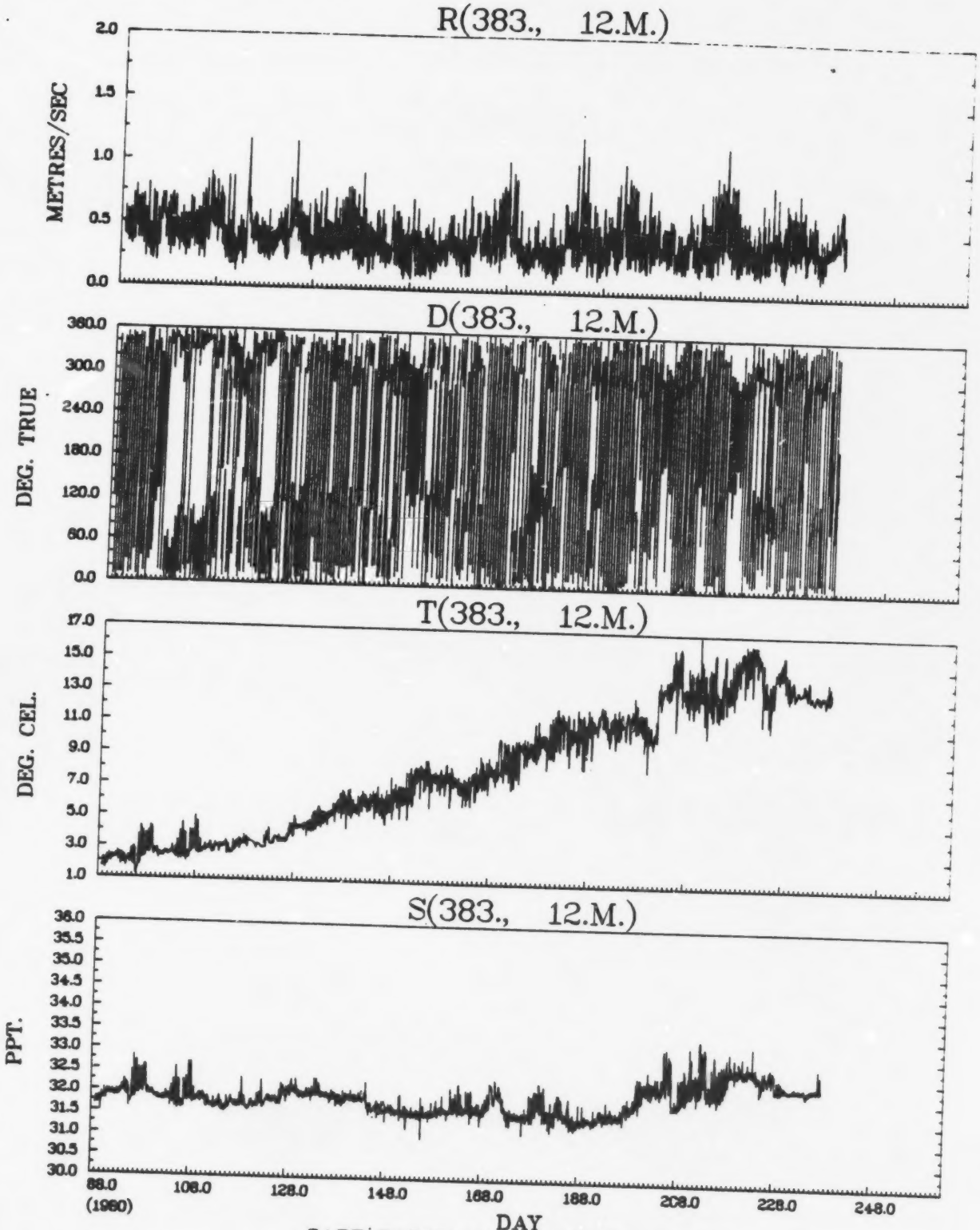
PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00	196	*				.3	1.8	3.4				
33.00 TO	33.50	2706	*			5.6	41.5	28.1	1.0				
32.50 TO	33.00	649	*			14.7	3.6						
32.00 TO	32.50		*										
31.50 TO	32.00		*										
31.00 TO	31.50		*										
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3551	0			721	1612	1062	156				

STN. 383, 12 M.

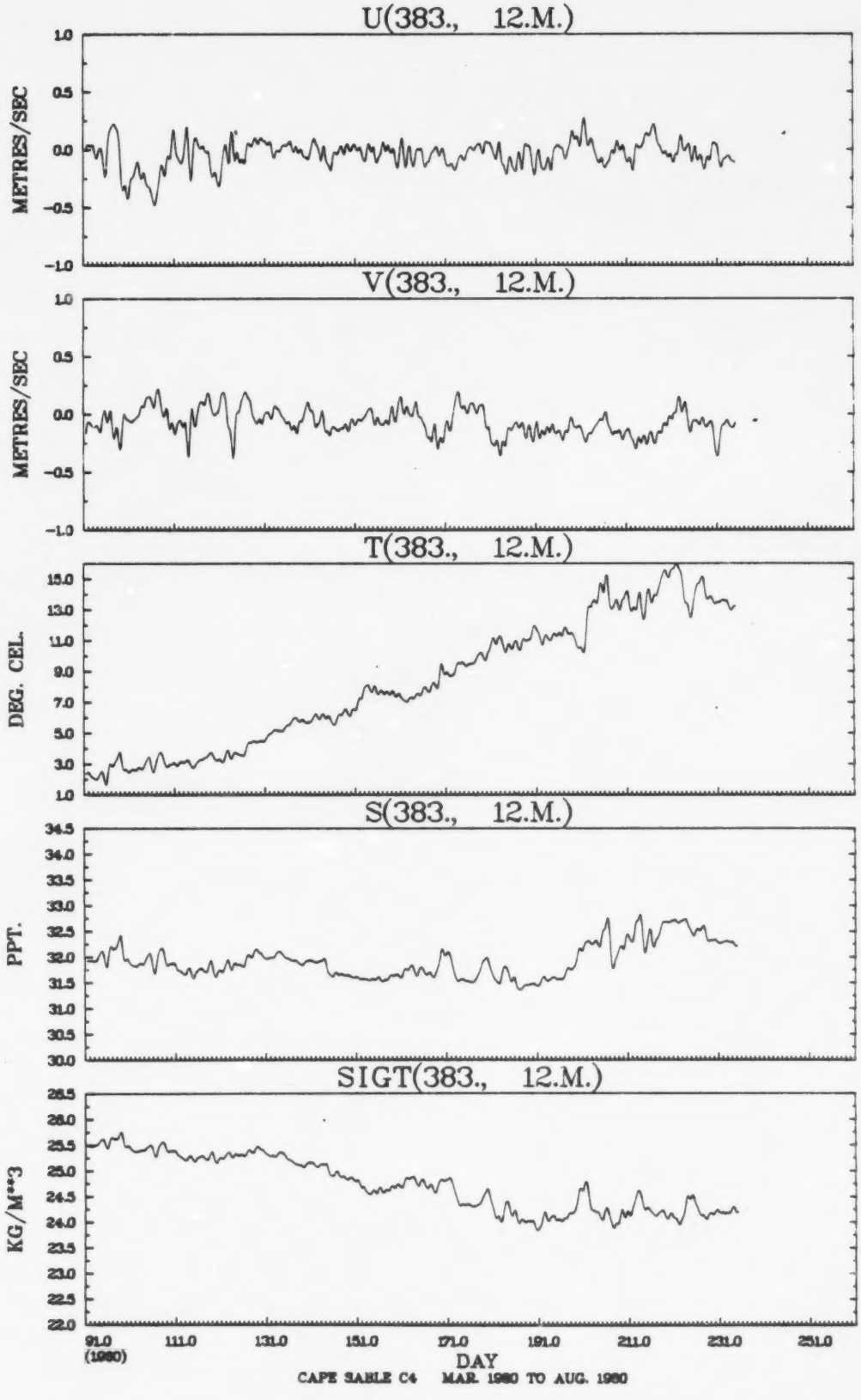


STN. 383, 12 M.





CAPE SABLE C4 MAR.1980 TO AUG. 1980


U(383., 12.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(383., 12.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(383., 12.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
S(383., 12.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(383., 12.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
91.0
(1980)
111.0
131.0
151.0
171.0
191.0
211.0
231.0
251.0
DAY
CAPE SABLE C4 MAR. 1980 TO AUG. 1980

JOINT DISTRIBUTION (PERCENT)

D(383., 12.M.) VS R(383., 12.M.)

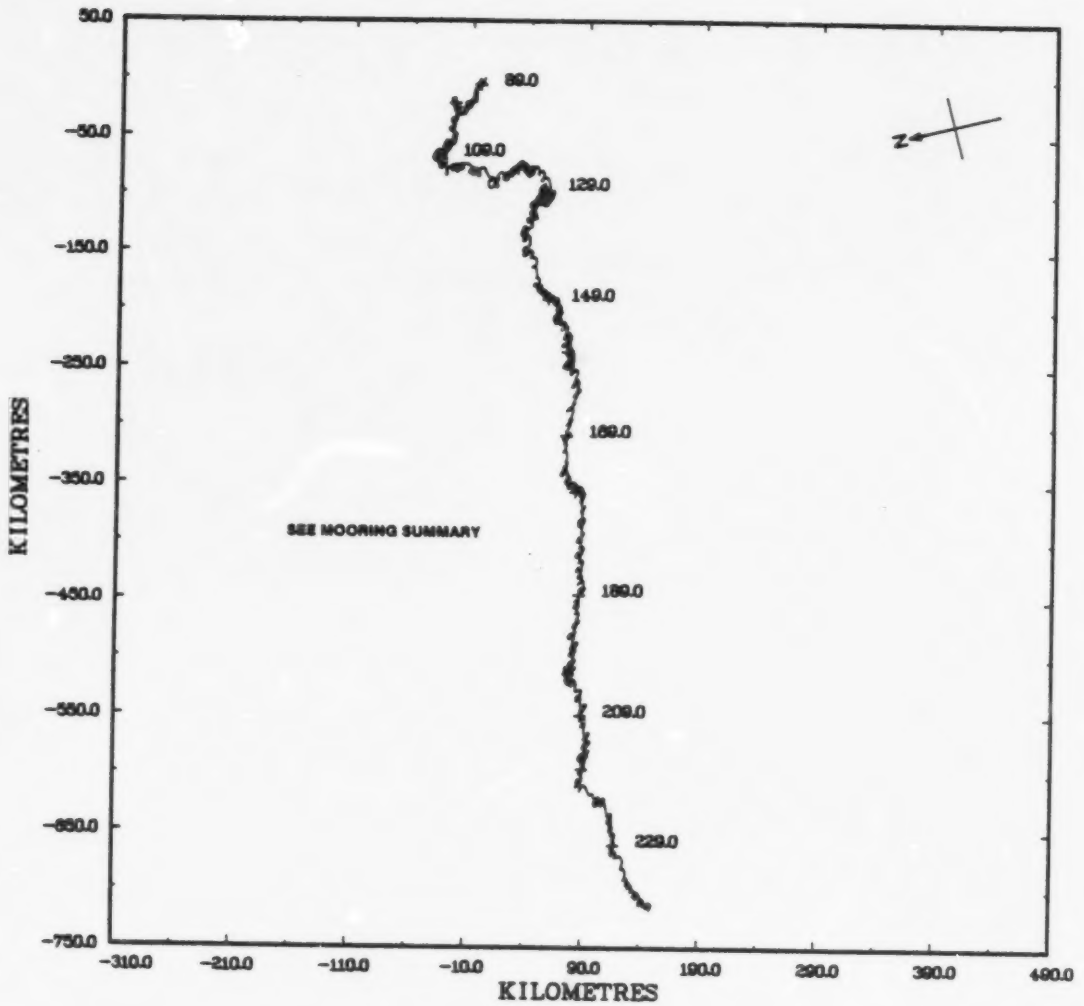
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20	5	*										.1	.0	
1.00 TO	1.10	9	*										.1	.1	
.90 TO	1.00	13	*									.0	.1	.2	.0
.80 TO	.90	40	*			.1		.1			.0	.1	.4	.3	.1
.70 TO	.80	95	*		.0	.1	.1	.1			.1	.1	.9	.9	.4
.60 TO	.70	240	*	.1		.4	.4	.4	.6	.2	.0	.3	1.4	1.9	.9
.50 TO	.60	506	*	.4	.4	.6	1.2	1.3	1.3	.4	.4	.6	3.1	2.9	1.5
.40 TO	.50	799	*	1.1	.6	1.3	2.2	3.1	1.7	1.0	.7	1.3	3.6	4.1	1.7
.30 TO	.40	980	*	1.7	1.8	2.2	2.8	2.9	2.2	1.3	1.1	1.5	3.2	4.2	2.6
.20 TO	.30	626	*	1.8	1.5	1.8	1.5	1.4	1.3	.8	.9	.9	2.1	1.6	1.8
.10 TO	.20	232	*	.5	.5	.7	.5	.6	.6	.6	.7	.3	.5	.4	.5
-.00 TO	.10	31	*	.1	.1		.0	.1	.1	.1	.1	.1	.1	.1	
OUT OF RANGE		0	0												
SUB TOTAL		3576	0	204	179	257	314	340	275	161	141	186	559	600	340

JOINT DISTRIBUTION (PERCENT)

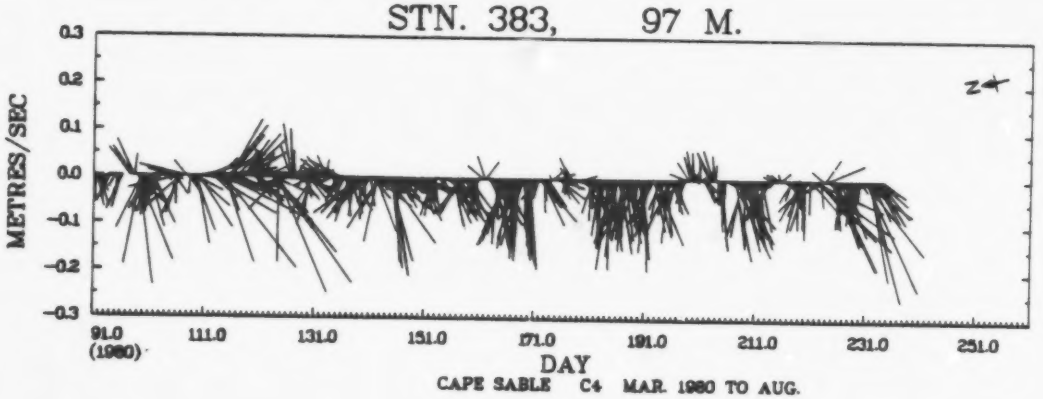
T(383., 12.M.) VS S(383., 12.M.)

PPT. DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
36.50 TO 36.00		*										
36.00 TO 35.50		*										
35.50 TO 35.00		*										
35.00 TO 34.50		*										
34.50 TO 34.00		*										
34.00 TO 33.50	19	*							.1	.3	.2	
33.50 TO 33.00	302	*			.6				.4	3.5	4.0	
33.00 TO 32.50	894	*		1.4	4.6	1.4	.6	2.6	3.2	10.9	.2	
32.50 TO 32.00	2183	*		12.1	10.9	11.8	12.3	7.4	5.5	1.0		
32.00 TO 31.50	178	*				.0	.3	1.9	2.8			
31.50 TO 31.00		*										
31.00 TO 30.50		*										
OUT OF RANGE	0	0										
SUB TOTAL	3576	0		482	578	473	473	427	428	561	154	

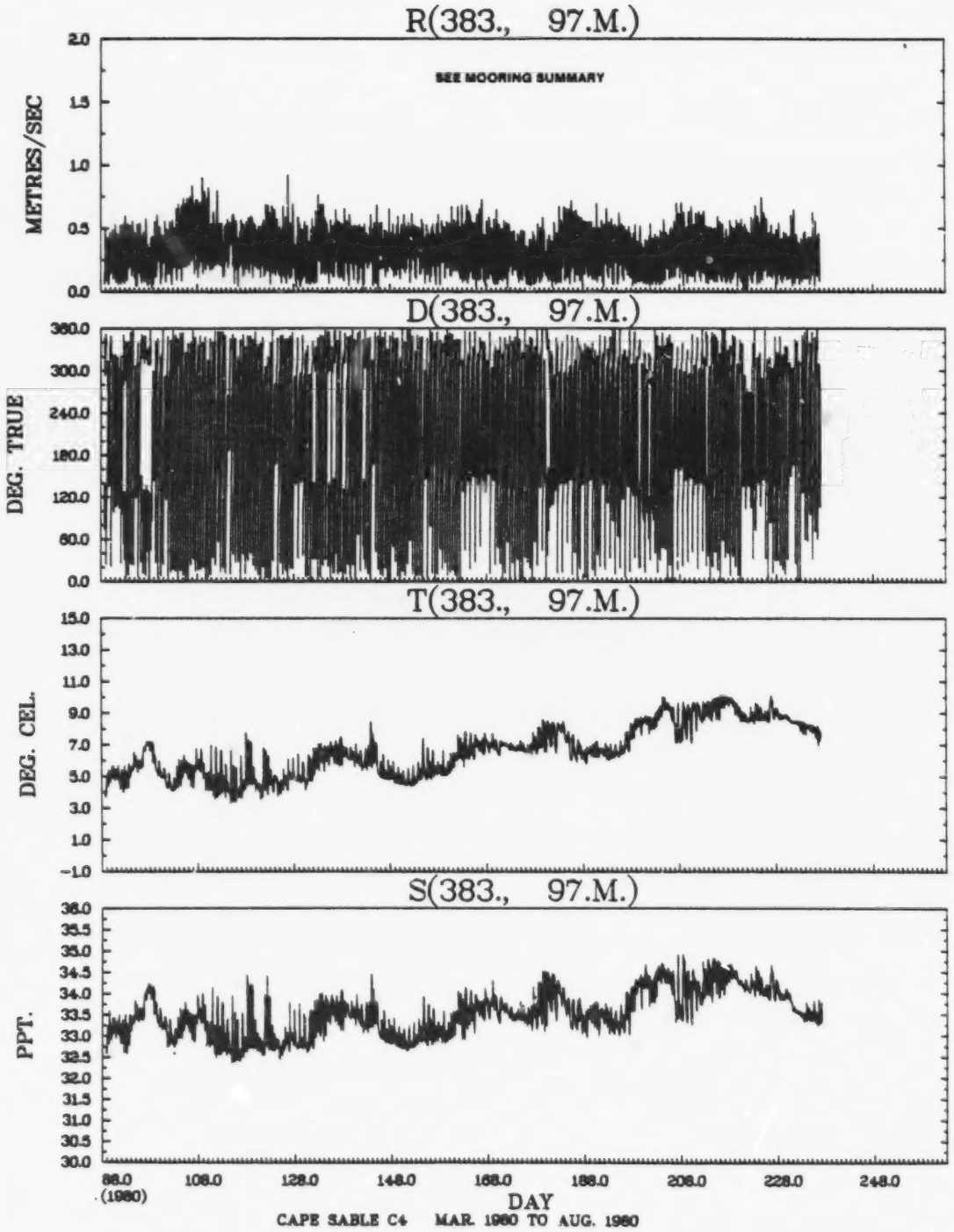
STN. 383, 97 M.

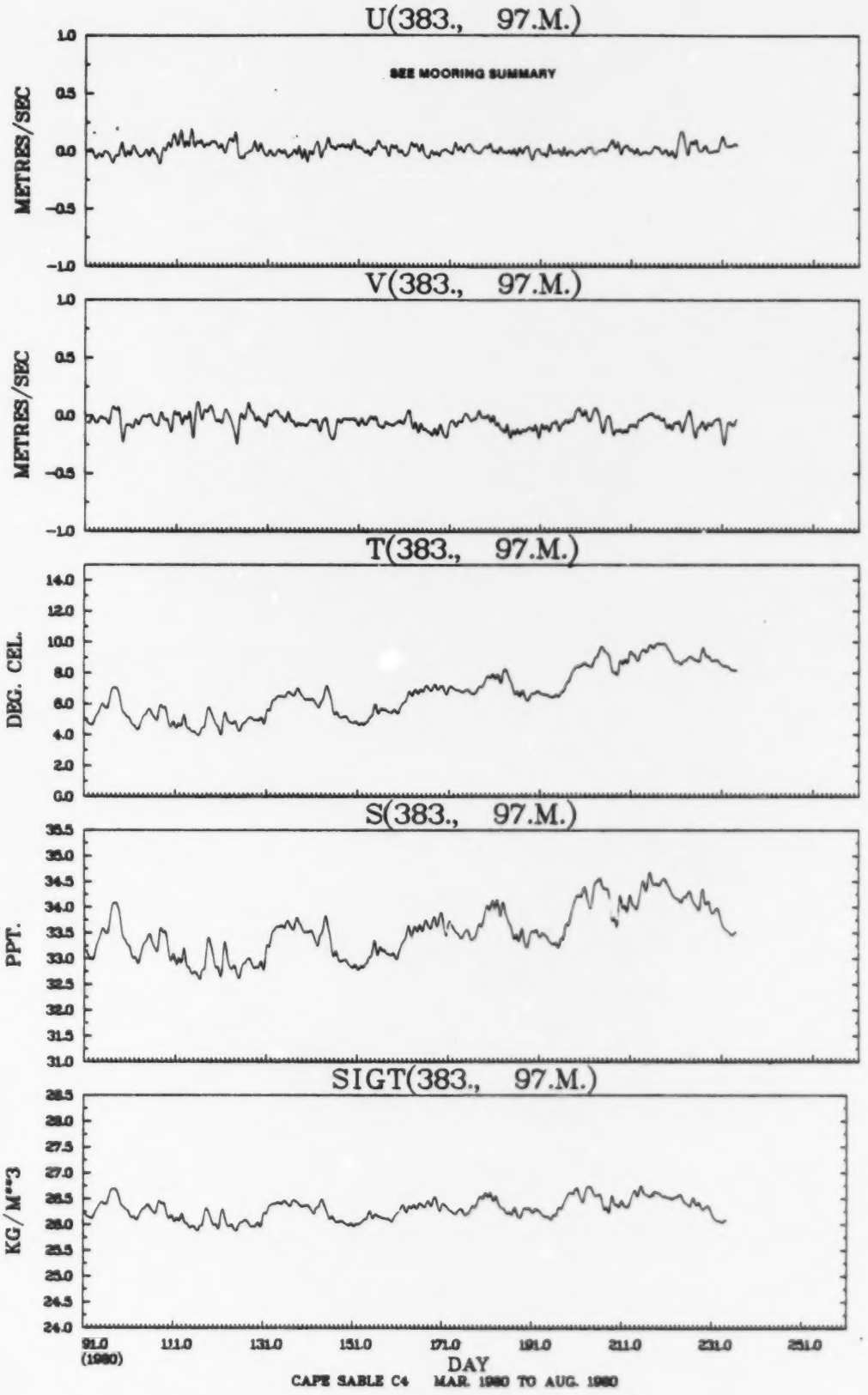


STN. 383, 97 M.



CAPE SABLE C4 MAR. 1980 TO AUG.


R(383., 97.M.)
SEE MOORING SUMMARY
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(383., 97.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(383., 97.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(383., 97.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
88.0
(1980)
108.0
128.0
148.0
168.0
188.0
208.0
228.0
248.0
DAY
CAPE SABLE C4 MAR. 1980 TO AUG. 1980


U(383., 97.M.)
SEE MOORING SUMMARY
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(383., 97.M.)
METRES/SEC
T(383., 97.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(383., 97.M.)
PPT.
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
SIGT(383., 97.M.)
KG/M**3
28.5
28.0
27.5
27.0
26.5
26.0
25.5
25.0
24.5
24.0
91.0
(1980)
111.0
131.0
151.0
171.0
191.0
211.0
231.0
251.0
DAY
CAPE SABLE C4 MAR. 1980 TO AUG. 1980

JOINT DISTRIBUTION (PERCENT)

D(383., 97.M.) VS R(383., 97.M.)

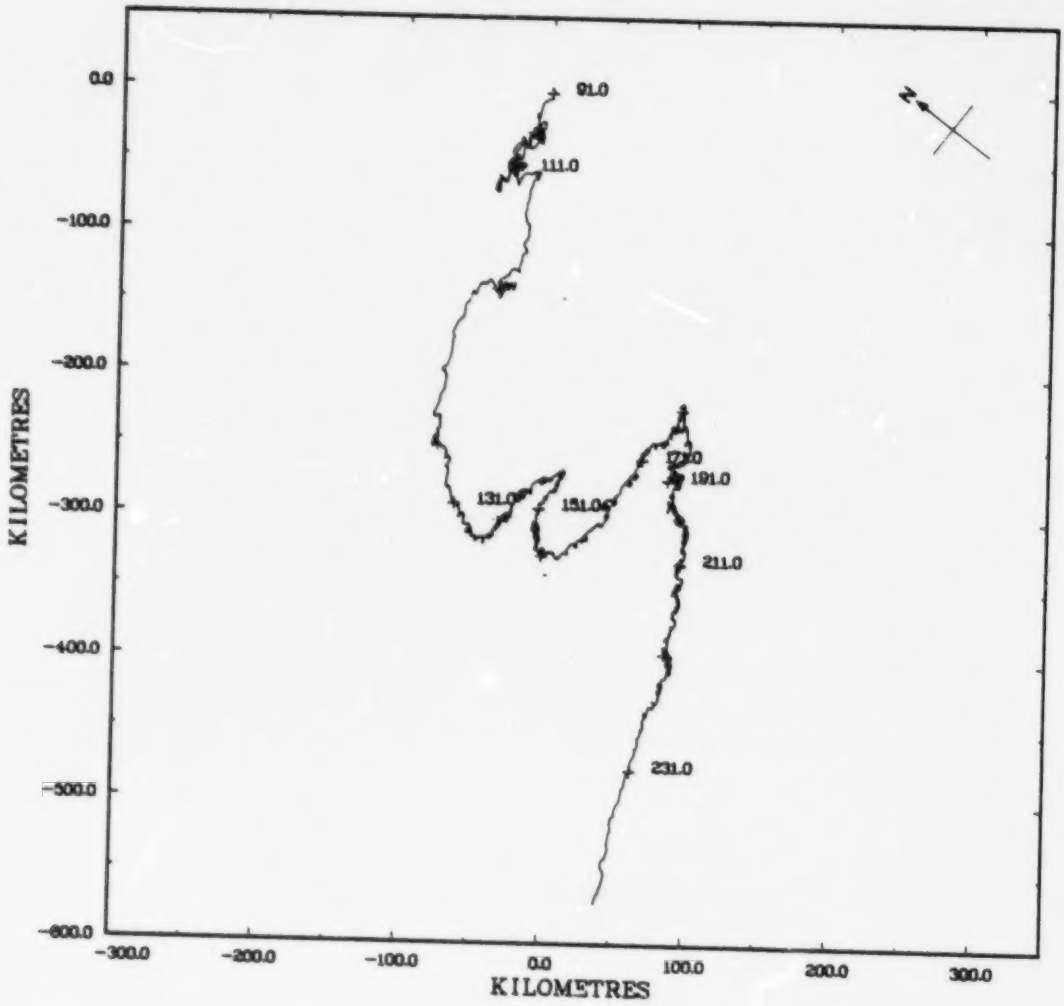
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90	3	*				.0						.0	.0	
.70 TO	.80	17	*					.1	.0			.1	.1	.1	
.60 TO	.70	90	*				.1	.7	.1		.0	.0	.6	1.0	
.50 TO	.60	321	*			.0	.4	1.8	.2	.0	.0	.3	2.3	3.6	.3
.40 TO	.50	734	*	.1		.1	1.6	4.4	1.6	.3	.2	.7	4.1	6.8	.7
.30 TO	.40	882	*	.3	.1	.3	2.8	5.4	2.9	.6	.5	1.3	4.0	4.9	1.6
.20 TO	.30	837	*	1.1	.6	1.3	1.8	3.3	2.8	1.9	1.5	1.7	2.5	3.0	1.9
.10 TO	.20	507	*	1.0	1.1	1.1	.9	1.2	1.7	1.2	.8	1.4	1.2	1.4	1.2
-.00 TO	.10	167	*	.4	.5	.4	.3	.3	.2	.6	.5	.4	.5	.2	.3
OUT OF RANGE		0	0												
SUB TOTAL		3558	0	102	84	114	283	617	338	166	130	213	547	753	211

JOINT DISTRIBUTION (PERCENT)

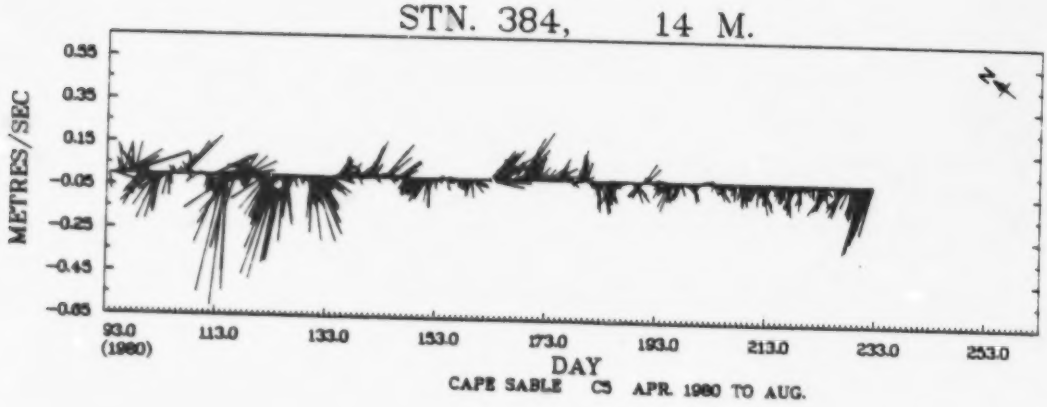
T(383.. 97.M.) VS S(383.. 97.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00	137	*					.1	3.8				
34.00 TO	34.50	591	*				.3	10.2	6.1				
33.50 TO	34.00	1031	*				13.2	15.7	.1				
33.00 TO	33.50	1134	*			3.2	26.2	2.5					
32.50 TO	33.00	647	*			16.0	2.2						
32.00 TO	32.50	18	*			.5							
31.50 TO	32.00		*										
31.00 TO	31.50		*										
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3558	0			700	1492	1012	354				

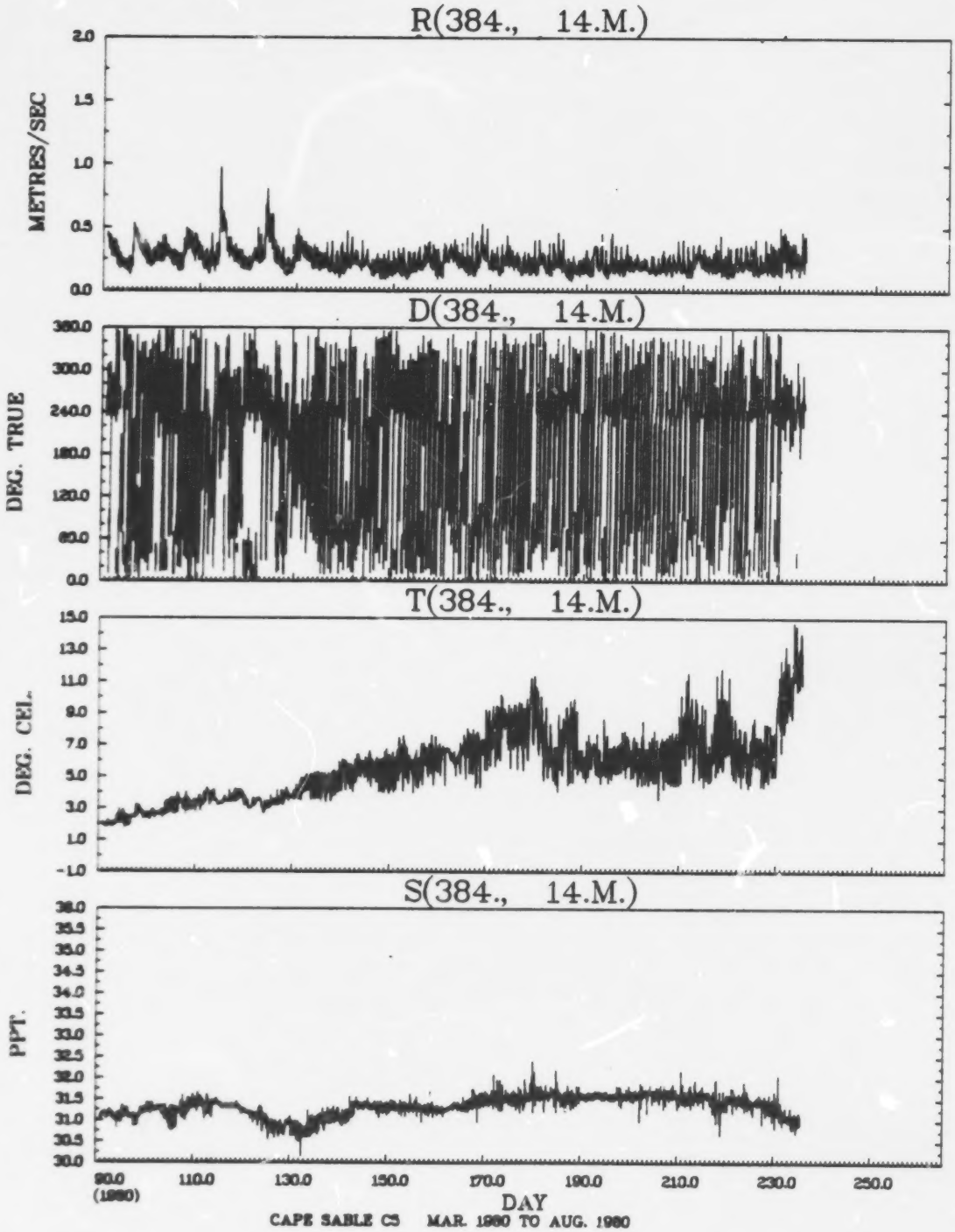
STN. 384, 14 M.

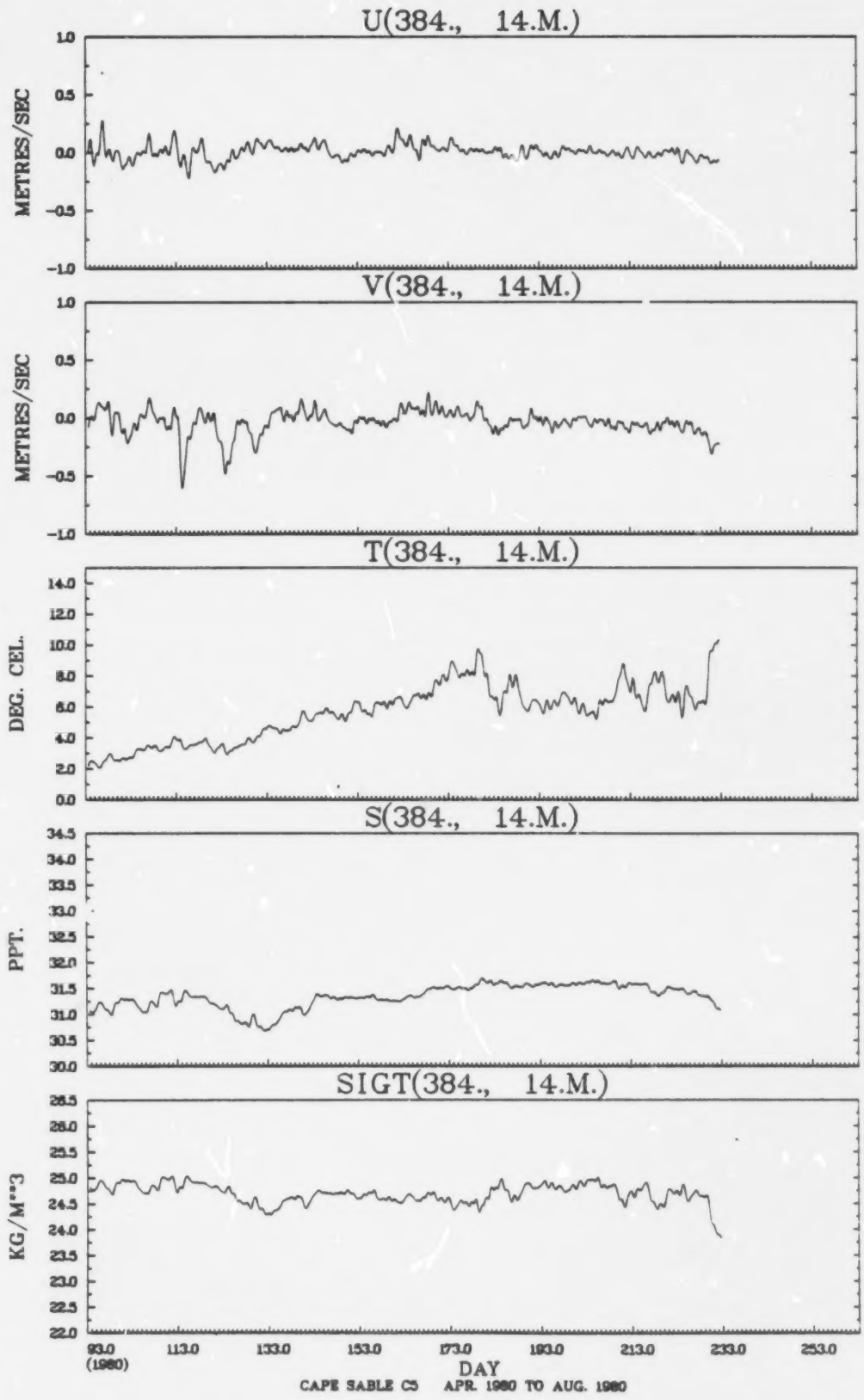


STN. 384, 14 M.



CAPE SABLE C5 APR. 1980 TO AUG.


R(384., 14.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(384., 14.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(384., 14.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(384., 14.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
90.0
(1980)
110.0
130.0
150.0
170.0
190.0
210.0
230.0
250.0
DAY
CAPE SABLE C5 MAR. 1980 TO AUG. 1980


U(384., 14.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(384., 14.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(384., 14.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(384., 14.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(384., 14.M.)
KG/M**3
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
93.0
(1980)
113.0
133.0
153.0
173.0
193.0
213.0
233.0
253.0
DAY
CAPE SABLE C5 APR. 1980 TO AUG. 1980

JOINT DISTRIBUTION (PERCENT)

D(384., 14.M.) VS R(384., 14.M.)

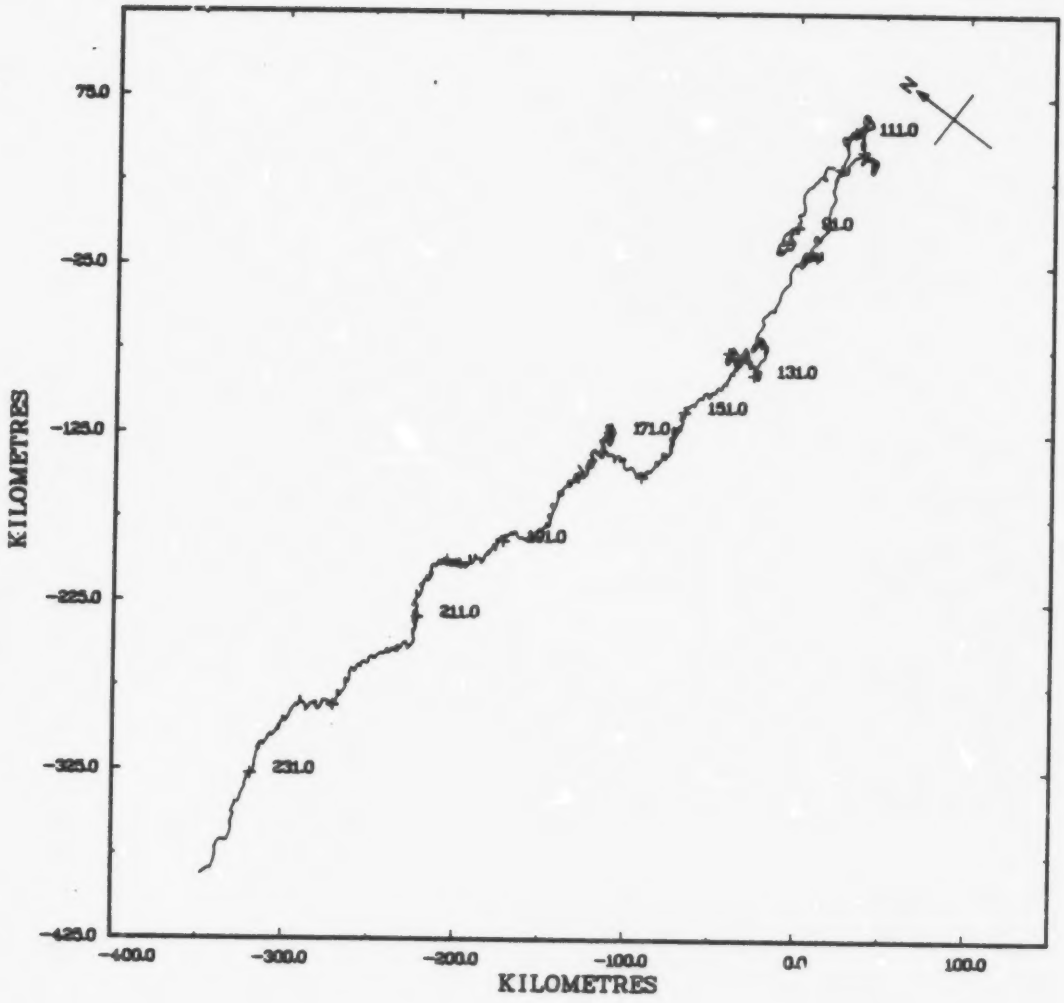
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00	3	*								.0	.1			
.80 TO	.90	2	*								.0	.0			
.70 TO	.80	4	*								.0	.1			
.60 TO	.70	7	*								.1	.1			
.50 TO	.60	32	*				.0			.0	.3	.5	.1		
.40 TO	.50	110	*	.1	.1	.7	.2	.1	.1	.1	.4	1.2	.1		
.30 TO	.40	552	*	.4	.9	3.3	1.5	.3	.1	.3	2.7	5.4	.8	.2	.1
.20 TO	.30	1434	*	1.3	3.0	6.9	3.9	1.6	.9	1.7	7.8	9.6	3.0	.7	1.0
.10 TO	.20	1215	*	2.4	3.0	2.9	3.6	2.1	2.1	2.5	4.8	4.7	3.2	2.5	1.3
-.00 TO	.10	109	*	.2	.1	.2	.2	.5	.4	.5	.2	.1	.1	.4	.2
OUT OF RANGE		0	0												
SUB TOTAL		3468	0	148	249	486	327	157	126	178	566	759	253	130	89

JOINT DISTRIBUTION (PERCENT)

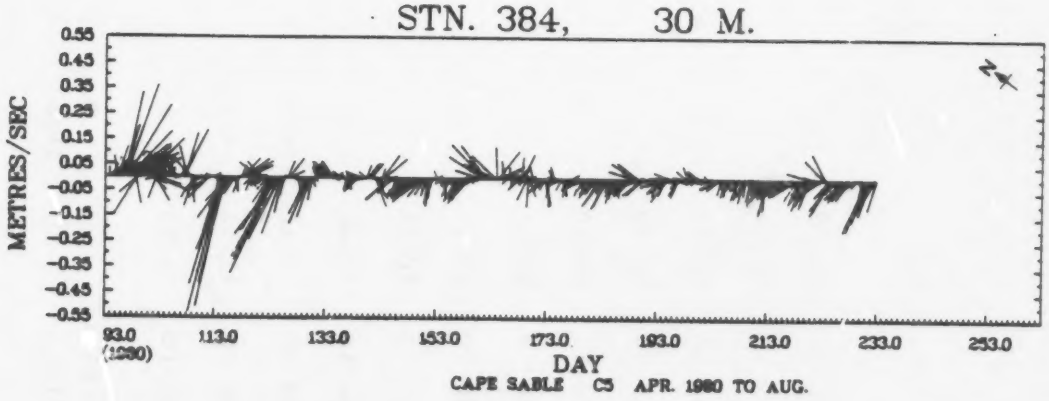
T(384., 14.M.) VS S(384., 14.M.)

PPT. DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50		*										
33.50 TO 34.00		*										
33.00 TO 33.50		*										
32.50 TO 33.00		*										
32.00 TO 32.50		*										
31.50 TO 32.00	1056	*		.1	1.7	18.1	8.9	1.7	.0			
31.00 TO 31.50	2063	*		9.3	17.5	21.0	8.0	2.9	.7	.1		
30.50 TO 31.00	348	*		.3	7.7	1.2		.1	.6	.1		
30.00 TO 30.50	1	*			.0							
OUT OF RANGE	0	0										
SUB TOTAL	3468	0		335	932	1395	586	165	46	9		

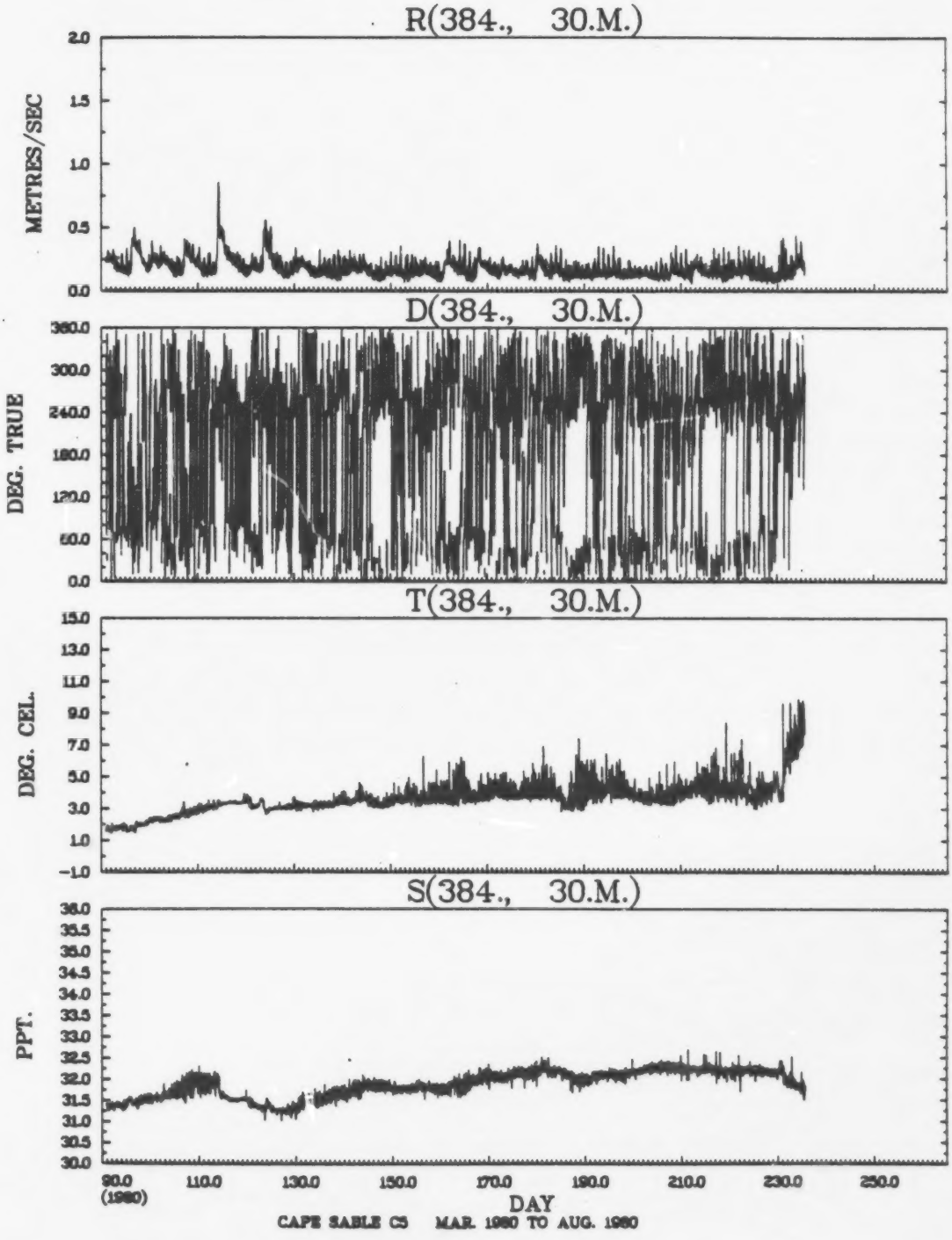
STN. 384, 30 M.

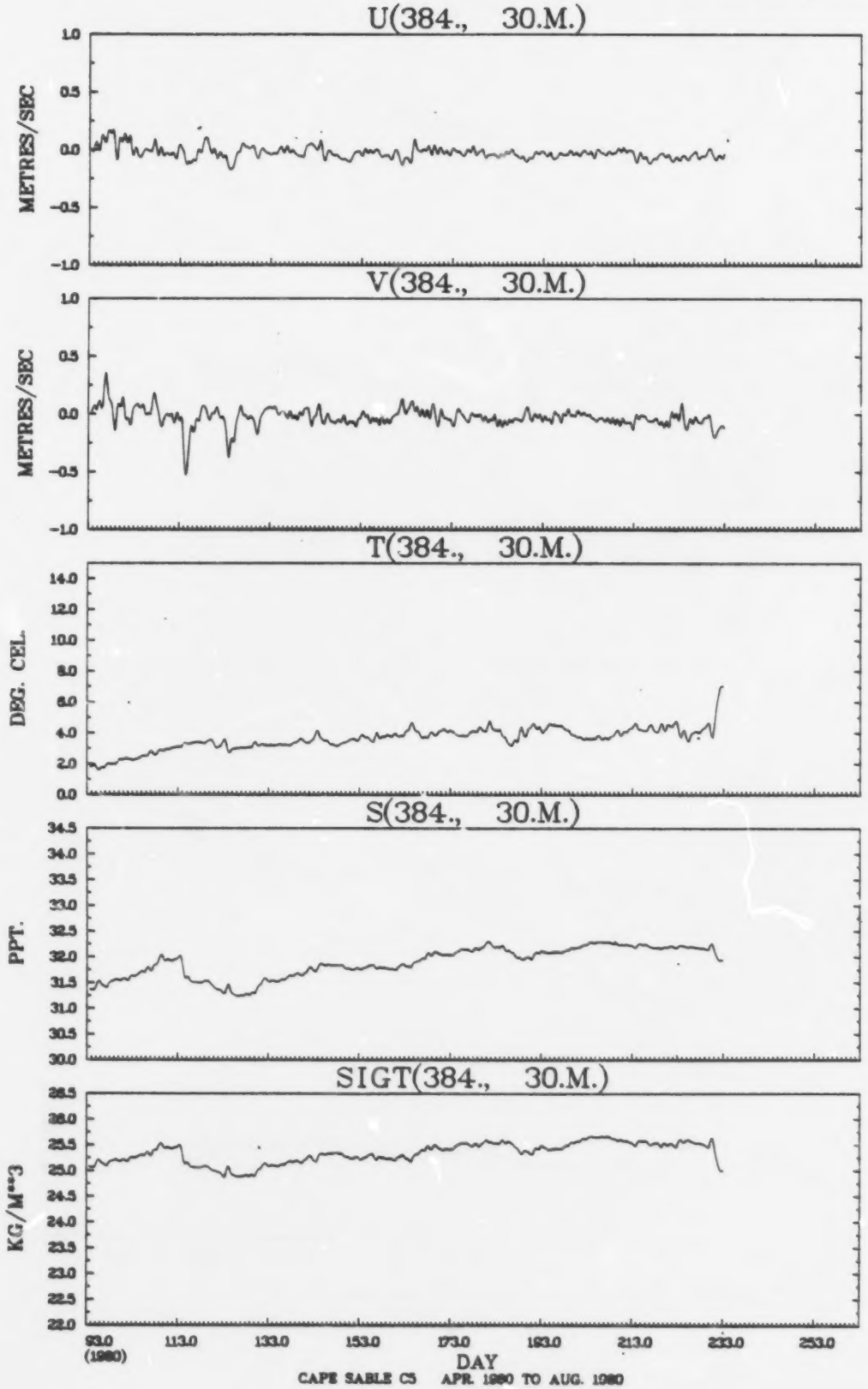


STN. 384, 30 M.



CAPE SABLE C5 APR. 1980 TO AUG.


R(384., 30.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(384., 30.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(384., 30.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(384., 30.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
90.0
(1980)
110.0
130.0
150.0
170.0
190.0
210.0
230.0
250.0
DAY
CAPE SABLE CS MAR. 1980 TO AUG. 1980


U(384., 30.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(384., 30.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(384., 30.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(384., 30.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(384., 30.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
93.0
(1980)
113.0
133.0
153.0
173.0
193.0
213.0
233.0
253.0
DAY
CAPE SABLE C5 APR. 1980 TO AUG. 1980

JOINT DISTRIBUTION (PERCENT)

D(384., 30.M.) VS R(384., 30.M.)

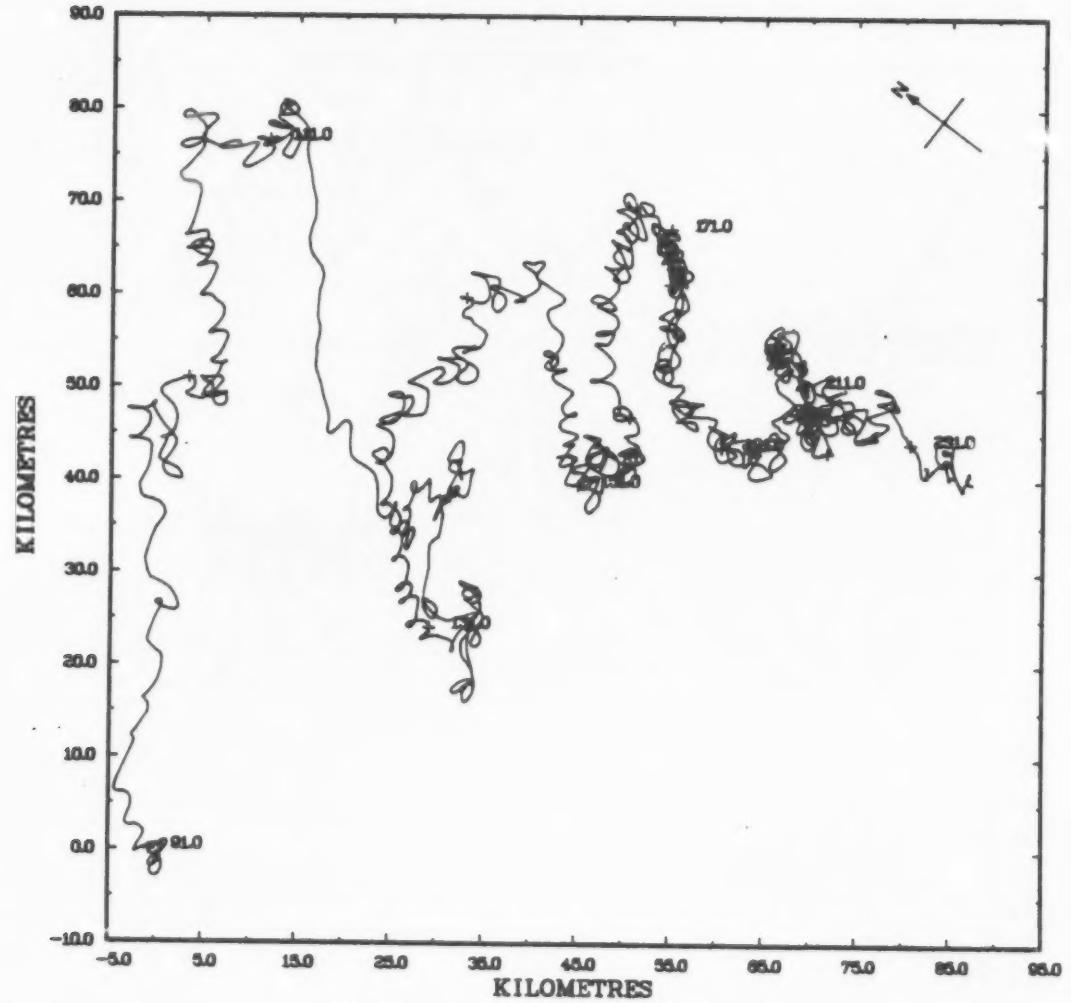
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90	1	*									.0			
.70 TO	.80	3	*									.1			
.60 TO	.70	2	*								.0	.0			
.50 TO	.60	5	*									.1			
.40 TO	.50	44	*		.1	.0					.1	.7	.2		
.30 TO	.40	159	*	.2	.5	.9	.3	.1	.1	.1	.2	1.8	.2	.1	.0
.20 TO	.30	905	*	.7	2.8	4.0	1.6	.6	.2	.6	2.5	8.8	3.5	.5	.3
.10 TO	.20	2004	*	4.3	6.9	4.8	2.8	1.4	1.7	2.9	7.3	11.5	7.1	3.6	3.5
-.00 TO	.10	348	*	.5	.6	.5	.7	.8	1.0	.7	1.2	.9	1.0	1.1	.9
OUT OF RANGE		0	0												
SUB TOTAL		3471	0	200	382	352	188	102	103	151	397	837	416	181	162

JOINT DISTRIBUTION (PERCENT)

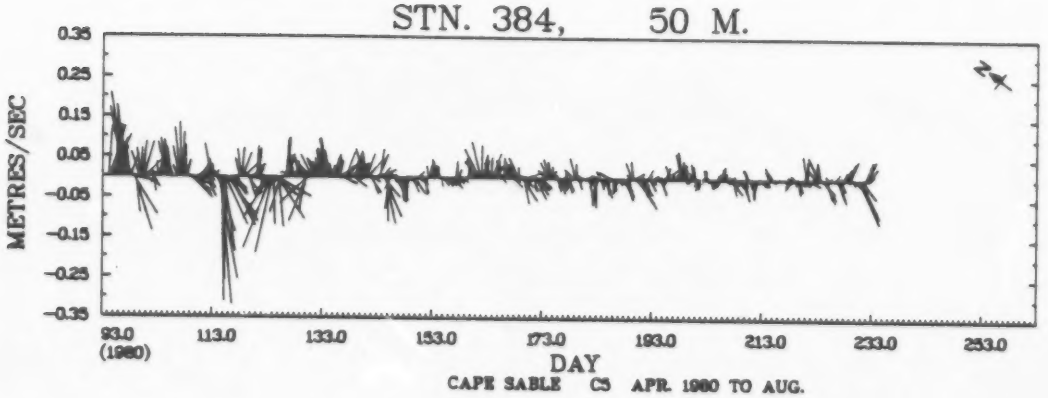
T(384., 30.M.) VS S(384., 30.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00		*										
32.00 TO	32.50	1522	*		1.2	39.9	2.8						
31.50 TO	32.00	1460	*		8.6	29.6	2.1	1.6	.2				
31.00 TO	31.50	489	*		6.5	7.6							
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3471	0		566	2676	169	54	6				

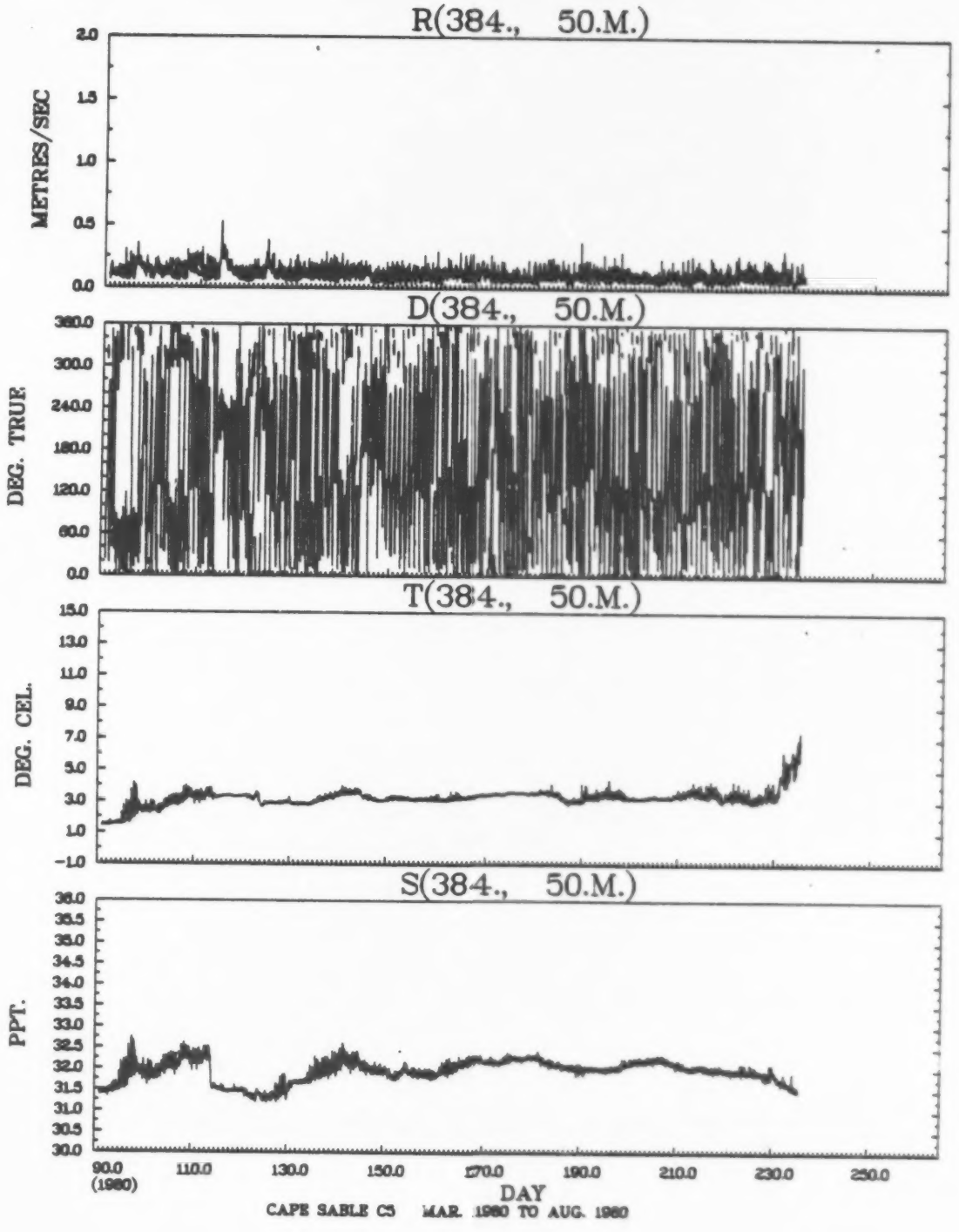
STN. 384, 50 M.

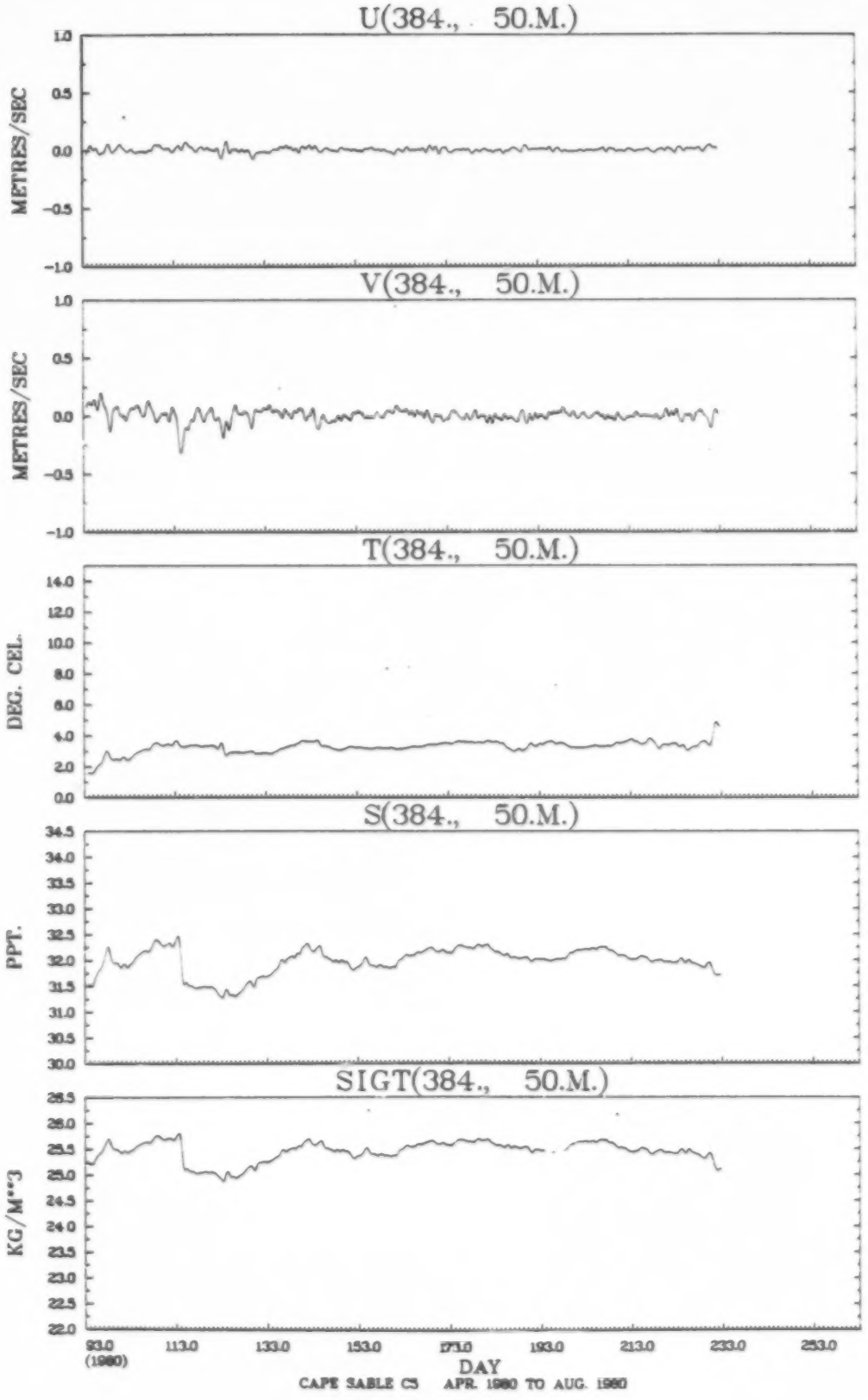


STN. 384, 50 M.



CAPE SABLE C5 APR. 1980 TO AUG.


R(384., 50.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(384., 50.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(384., 50.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(384., 50.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
90.0
(1980)
110.0
130.0
150.0
170.0
190.0
210.0
230.0
250.0
DAY
CAPE SABLE C5 MAR. 1980 TO AUG. 1980


U(384., 50.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(384., 50.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(384., 50.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(384., 50.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(384., 50.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
93.0
(1980)
113.0
133.0
153.0
173.0
193.0
213.0
233.0
253.0
DAY
CAPE SABLE CS APR. 1980 TO AUG. 1980

JOINT DISTRIBUTION (PERCENT)

D(384., 50.M.) VS R(384., 50.M.)

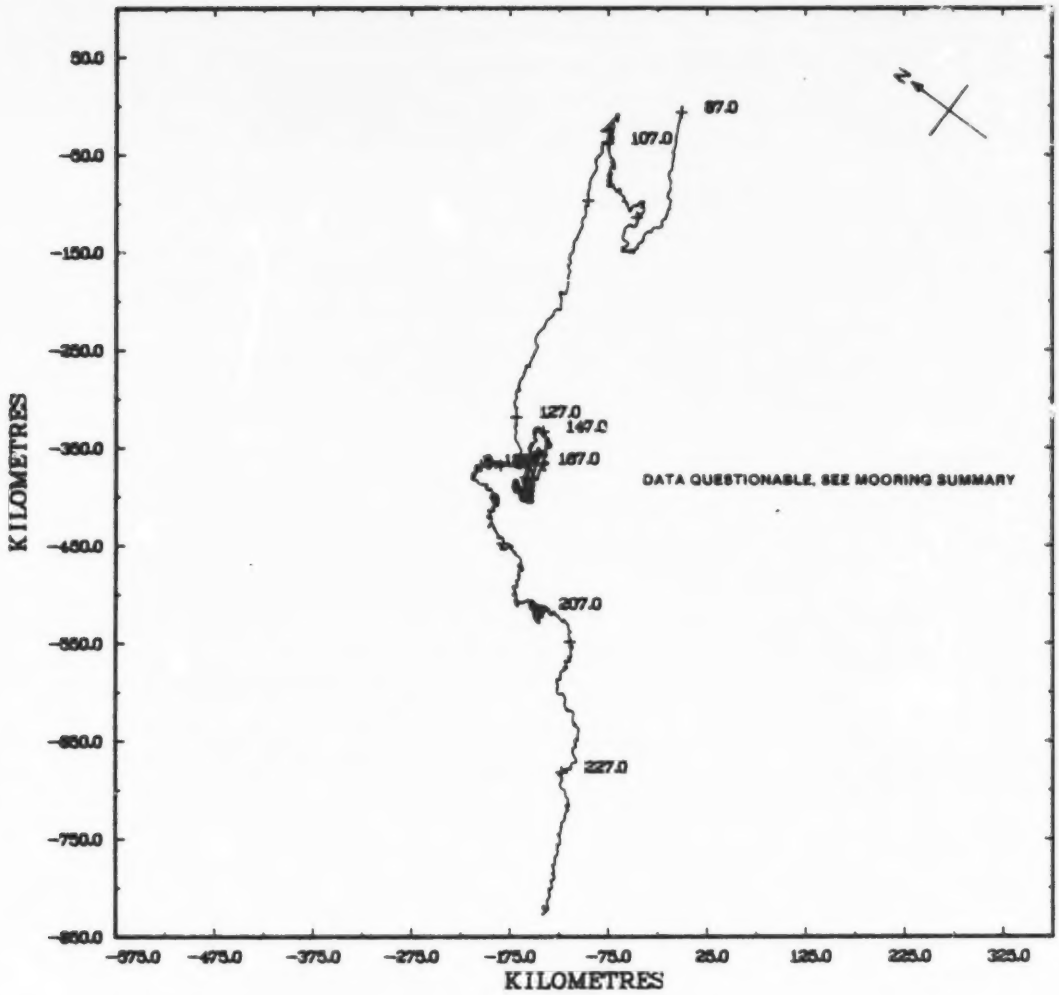
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90		*												
.70 TO	.80		*												
.60 TO	.70		*												
.50 TO	.60	1	*								.0				
.40 TO	.50	2	*								.1				
.30 TO	.40	10	*			.1				.0	.1	.1			
.20 TO	.30	211	*	.3	.5	1.0	.7	.7	.3	.4	1.2	.7	.1		.3
.10 TO	.20	1938	*	5.1	4.0	5.0	6.1	5.9	4.3	3.2	3.6	5.5	3.9	4.2	5.1
-.00 TO	.10	1306	*	3.1	3.0	2.7	3.4	3.9	3.2	2.9	3.3	3.2	2.9	2.7	3.5
OUT OF RANGE		0	0												
SUB TOTAL		3468	0	295	257	305	352	362	270	224	286	332	239	240	306

JOINT DISTRIBUTION (PERCENT)

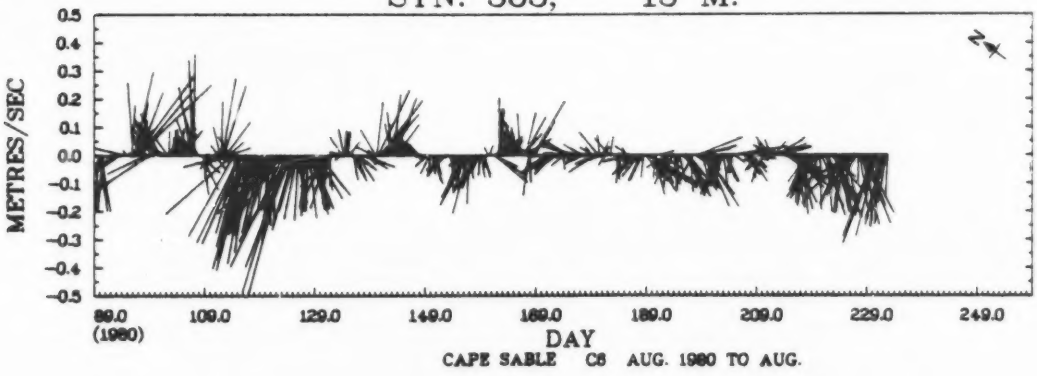
T(384., 50.M.) VS S(384., 50.M.)

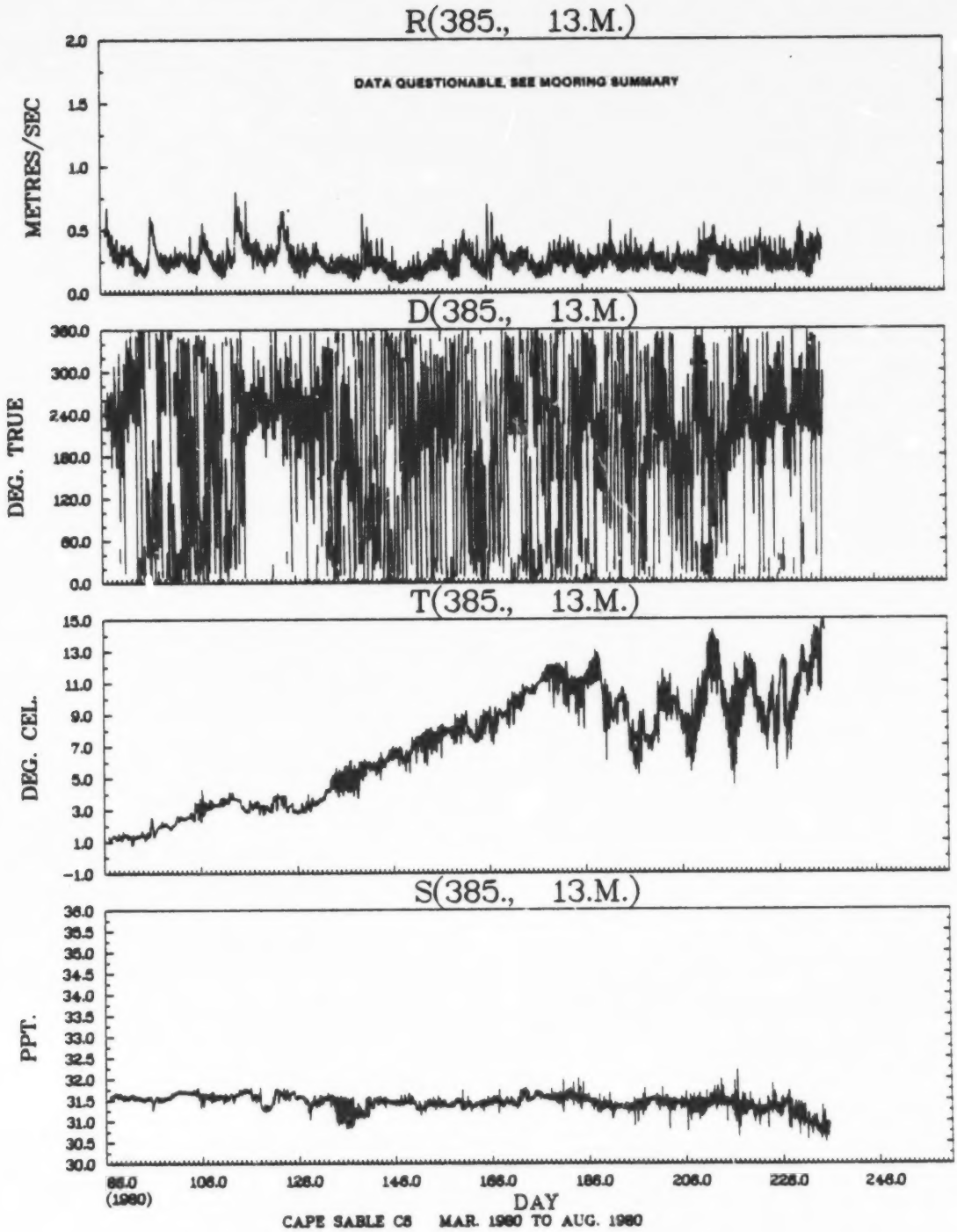
PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	21	*			.6							
32.00 TO	32.50	1824	*		4.2	48.4							
31.50 TO	32.00	1263	*		10.2	24.7	1.5						
31.00 TO	31.50	360	*		5.2	5.0	.2						
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3468	0		681	2728	59						

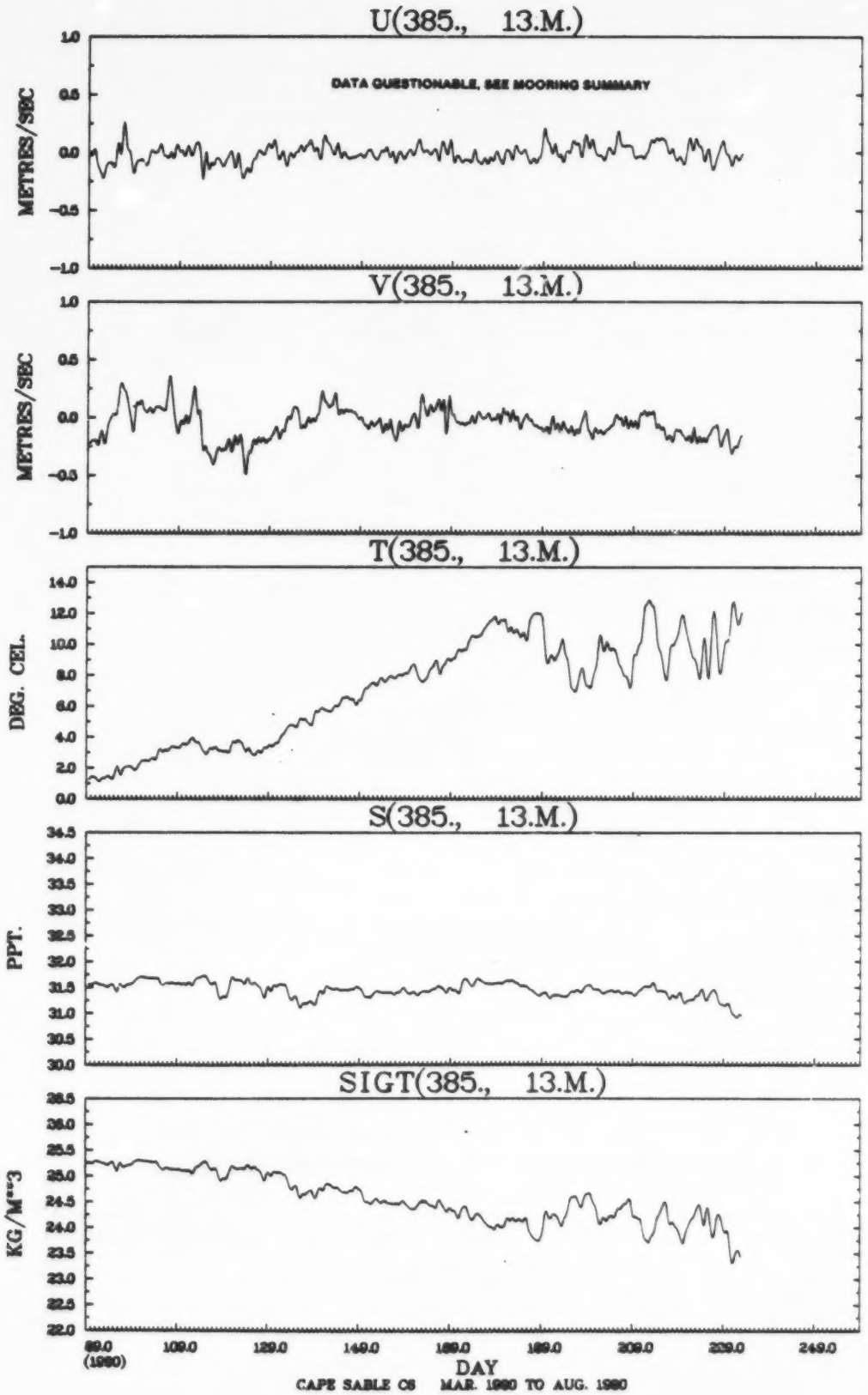
STN. 385, 13 M.



STN. 385, 13 M.




R(385., 13.M.)
DATA QUESTIONABLE, SEE MOORING SUMMARY
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(385., 13.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(385., 13.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(385., 13.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
86.0
(1980)
106.0
126.0
146.0
166.0
186.0
206.0
226.0
246.0
DAY
CAPE SABLE C6 MAR. 1980 TO AUG. 1980


U(385., 13.M.)
DATA QUESTIONABLE, SEE MOORING SUMMARY
METRES/SEC
V(385., 13.M.)
METRES/SEC
T(385., 13.M.)
DEG. CEL.
S(385., 13.M.)
PPT.
SIGT(385., 13.M.)
KG/M**3
89.0
(1980)
109.0
129.0
149.0
169.0
189.0
209.0
229.0
249.0
DAY
CAPE SABLE CS MAR. 1980 TO AUG. 1980

JOINT DISTRIBUTION (PERCENT)

D(385.. 13.M.) VS R(385.. 13.M.)

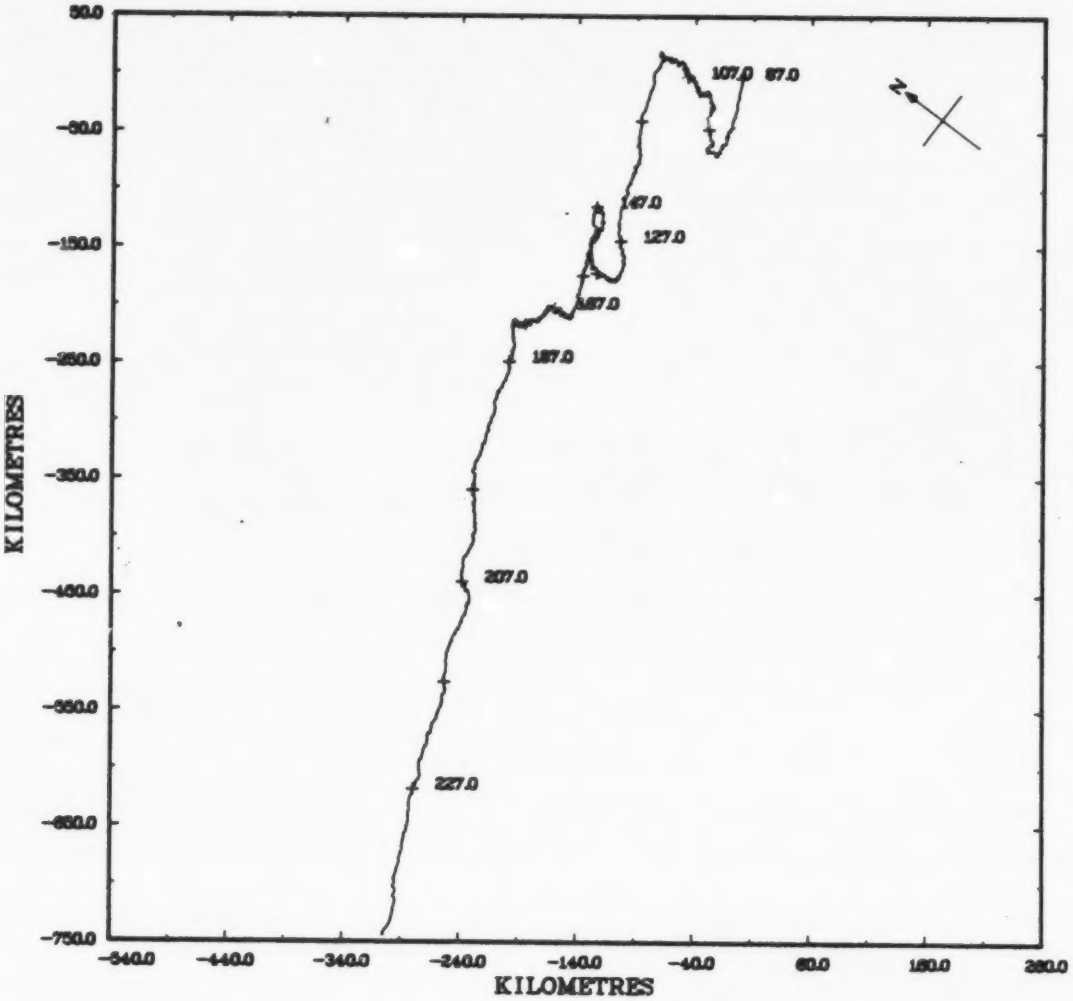
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90		*												
.70 TO	.80	4	*										.1		
.60 TO	.70	19	*	.1	.0						.1	.3	.1		
.50 TO	.60	47	*		.3	.1	.0		.1	.0	.3	.4	.1		
.40 TO	.50	204	*	.3	.9	.6	.3	.2	.1	.4	1.4	1.3	.1	.0	.1
.30 TO	.40	750	*	1.3	2.0	.8	.8	.6	1.0	2.7	5.3	3.7	1.5	.4	1.0
.20 TO	.30	1459	*	3.6	2.8	2.2	1.5	1.9	3.6	4.3	6.7	5.3	3.1	2.2	3.7
.10 TO	.20	984	*	2.2	2.1	1.5	1.5	1.6	2.2	2.5	3.0	2.9	3.2	2.3	2.6
-.00 TO	.10	103	*	.1	.1	.2	.1	.2	.4	.2	.3	.5	.3	.3	.3
OUT OF RANGE		0	0												
SUB TOTAL		3570	0	268	291	194	148	160	263	361	606	513	302	188	276

JOINT DISTRIBUTION (PERCENT)

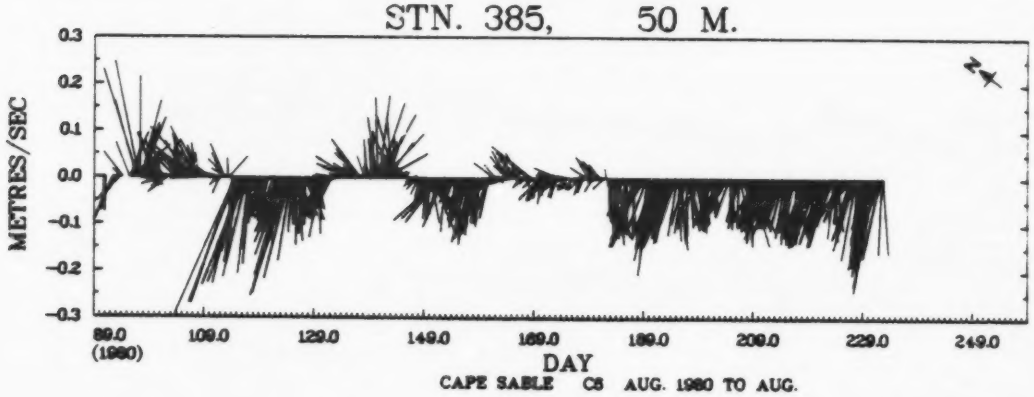
T(385., 13.M.) VS S(385., 13.M.)

PPT. DEG. CEL.		SUB TOTAL	CUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00		*										
32.00 TO	32.50		*										
31.50 TO	32.00	1501	*	.1	13.7	12.5	1.6	2.5	6.2	4.8	.6		
31.00 TO	31.50	1951	*		1.9	5.3	8.9	18.8	13.9	5.8	.1		
30.50 TO	31.00	118	*				.3	.0	.2	1.5	1.2	.1	
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3570	0	4	556	636	387	762	725	431	67	2	

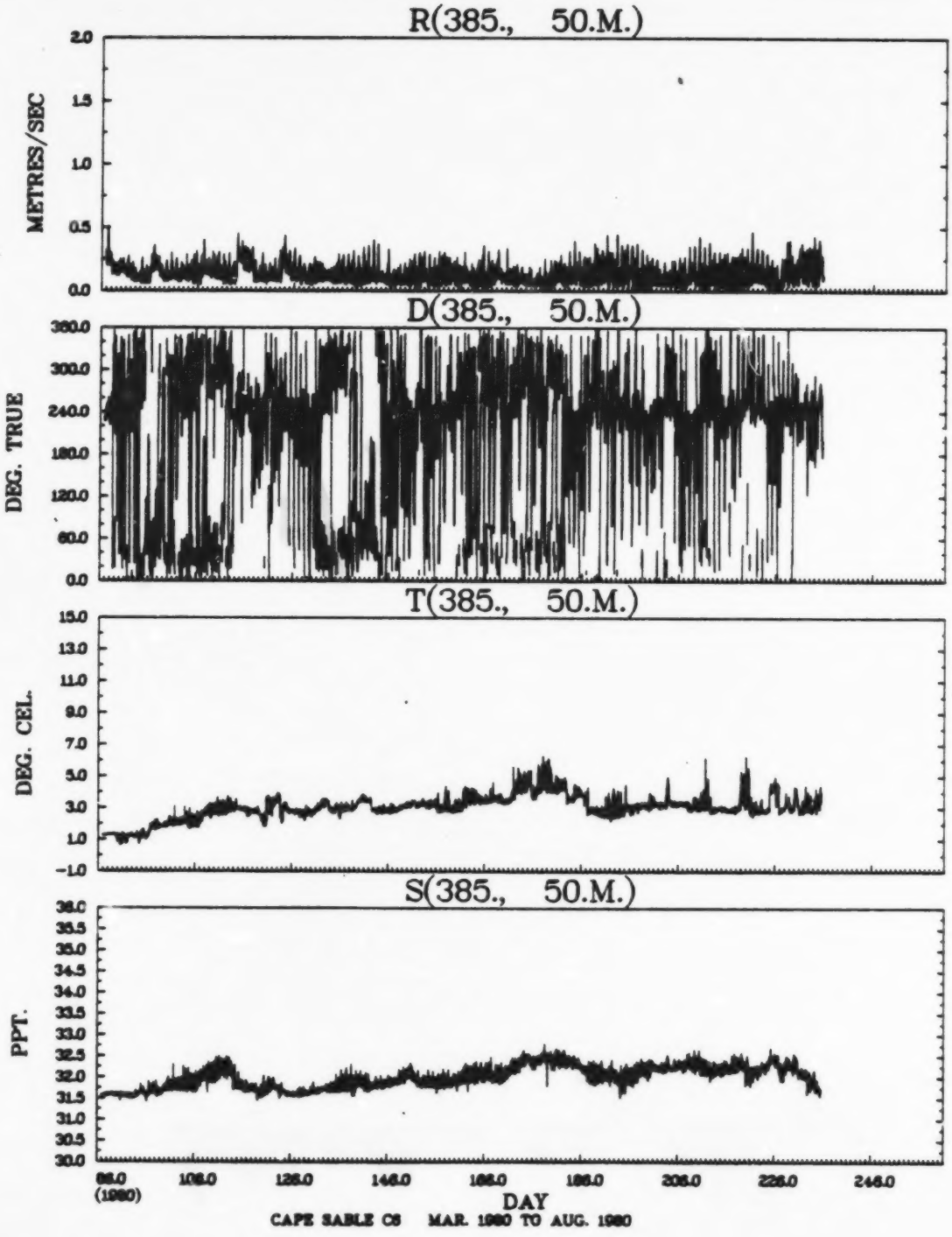
STN. 385, 50 M.

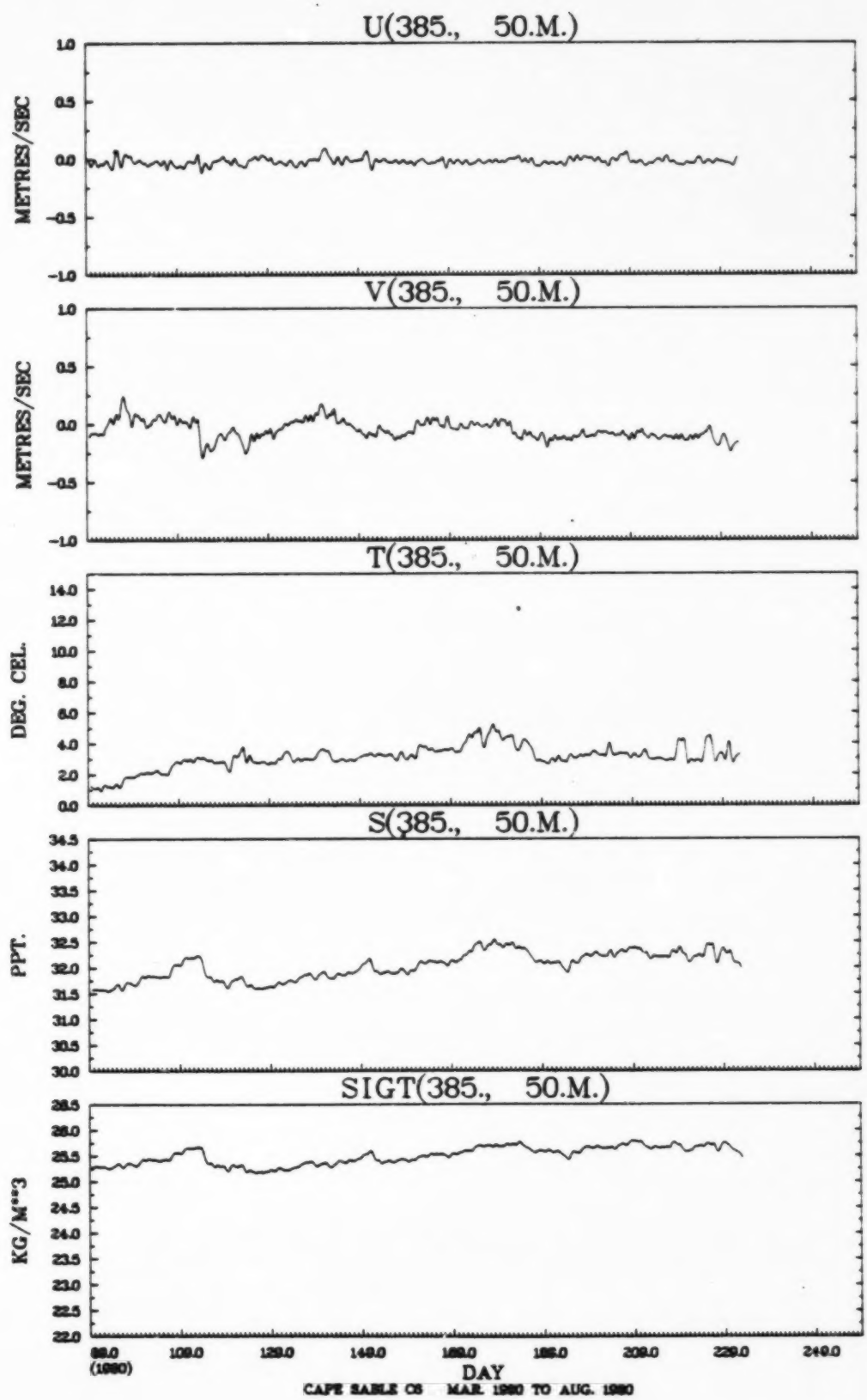


STN. 385, 50 M.



CAPE SABLE CS AUG. 1980 TO AUG.


R(385., 50.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(385., 50.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(385., 50.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(385., 50.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
86.0
(1980)
106.0
126.0
146.0
166.0
186.0
206.0
226.0
246.0
DAY
CAPE SABLE CS MAR. 1980 TO AUG. 1980


U(385., 50.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(385., 50.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(385., 50.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(385., 50.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(385., 50.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
88.0
(1980)
109.0
129.0
149.0
169.0
189.0
209.0
229.0
249.0
DAY
CAPE SABLE CS MAR. 1980 TO AUG. 1980

JOINT DISTRIBUTION (PERCENT)

D(385., 50.M.) VS R(385., 50.M.)

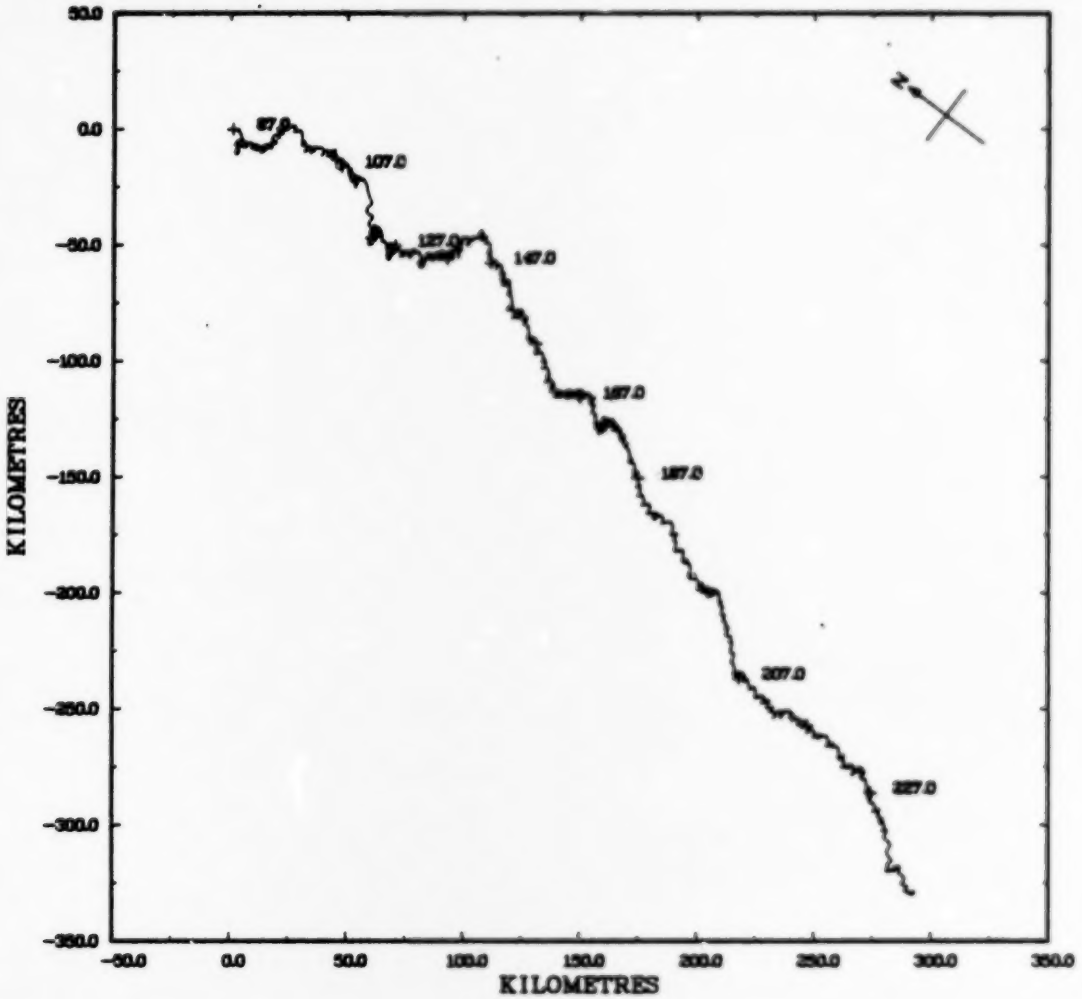
DEG. TRUE / METERS/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90		*												
.70 TO	.80		*												
.60 TO	.70		*												
.50 TO	.60		*												
.40 TO	.50	20	*								.0	.5			
.30 TO	.40	150	*		.6	.1					.9	2.5	.1		
.20 TO	.30	625	*	.4	1.9	1.3	.1			.1	4.2	8.6	.9	.0	.1
.10 TO	.20	1542	*	2.2	3.8	3.4	1.8	.9	1.2	2.3	7.2	11.8	5.4	1.9	1.9
-.00 TO	.10	1233	*	2.1	2.9	2.3	2.0	1.9	2.2	2.7	4.1	4.6	4.0	2.8	2.9
OUT OF RANGE		0	0												
SUB TOTAL		3570	0	169	332	252	140	99	120	181	584	1000	369	170	195

JOINT DISTRIBUTION (PERCENT)

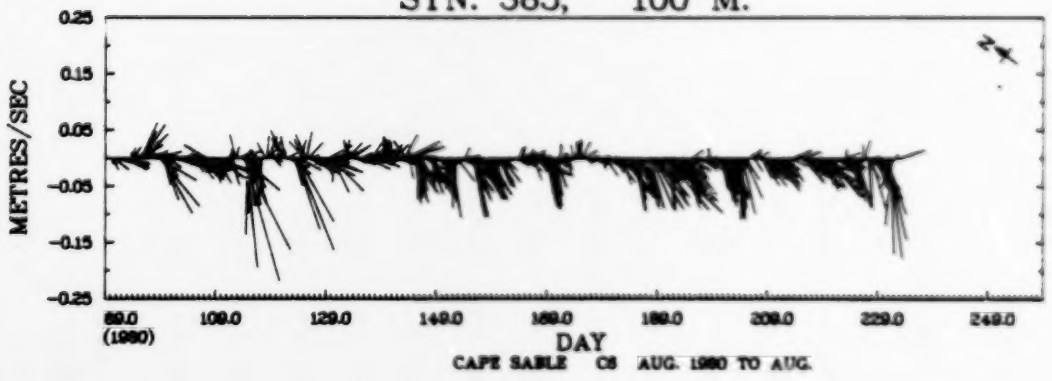
T(385., 50.M.) VS S(385., 50.M.)

DEG. CEL. PPT.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	74	*			1.4	.7						
32.00 TO	32.50	1806	*		14.1	35.6	.9						
31.50 TO	32.00	1687	*	.7	30.8	15.7							
31.00 TO	31.50	3	*		.1								
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3570	0	25	1606	1882	57						

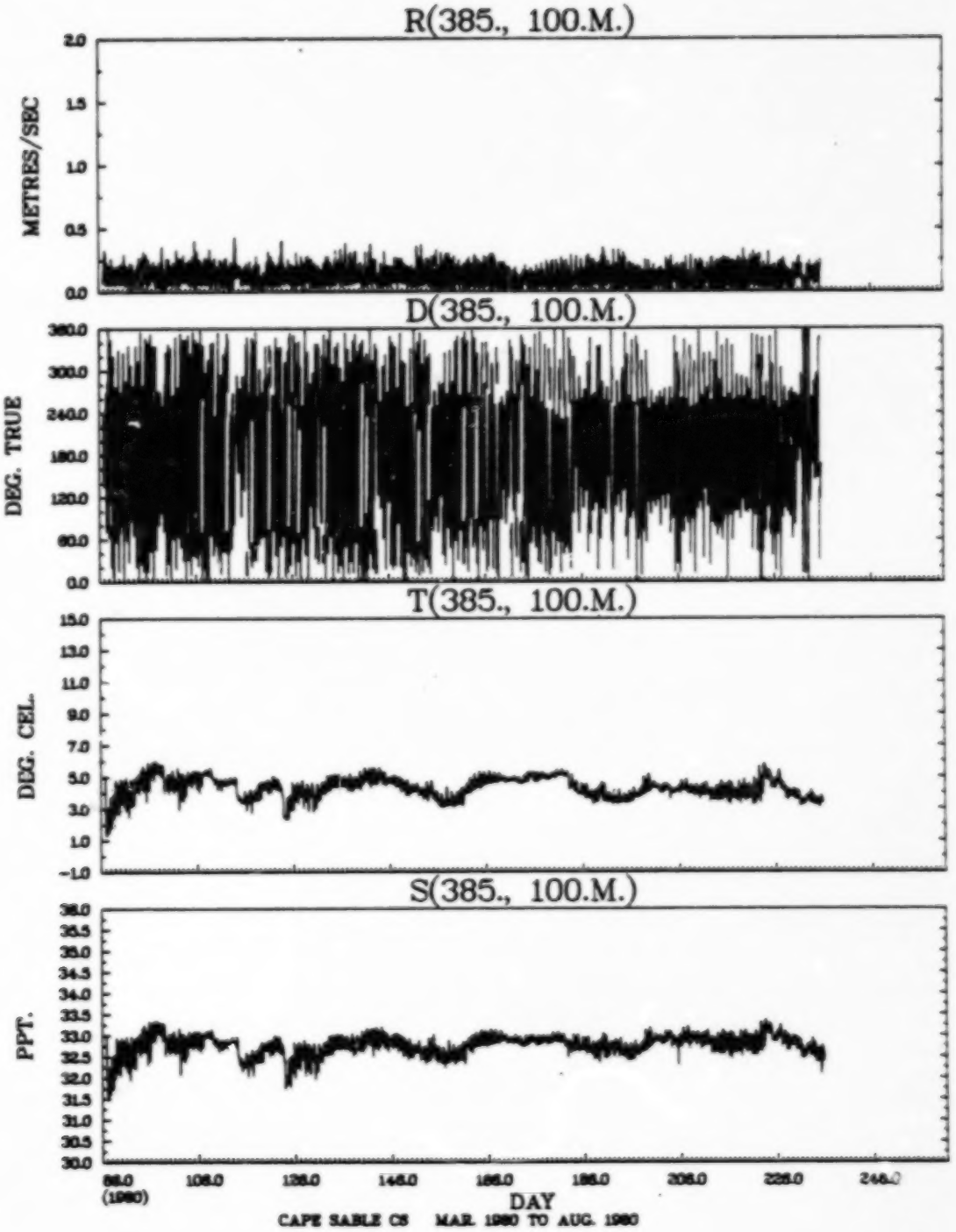
STN. 385, 100 M.

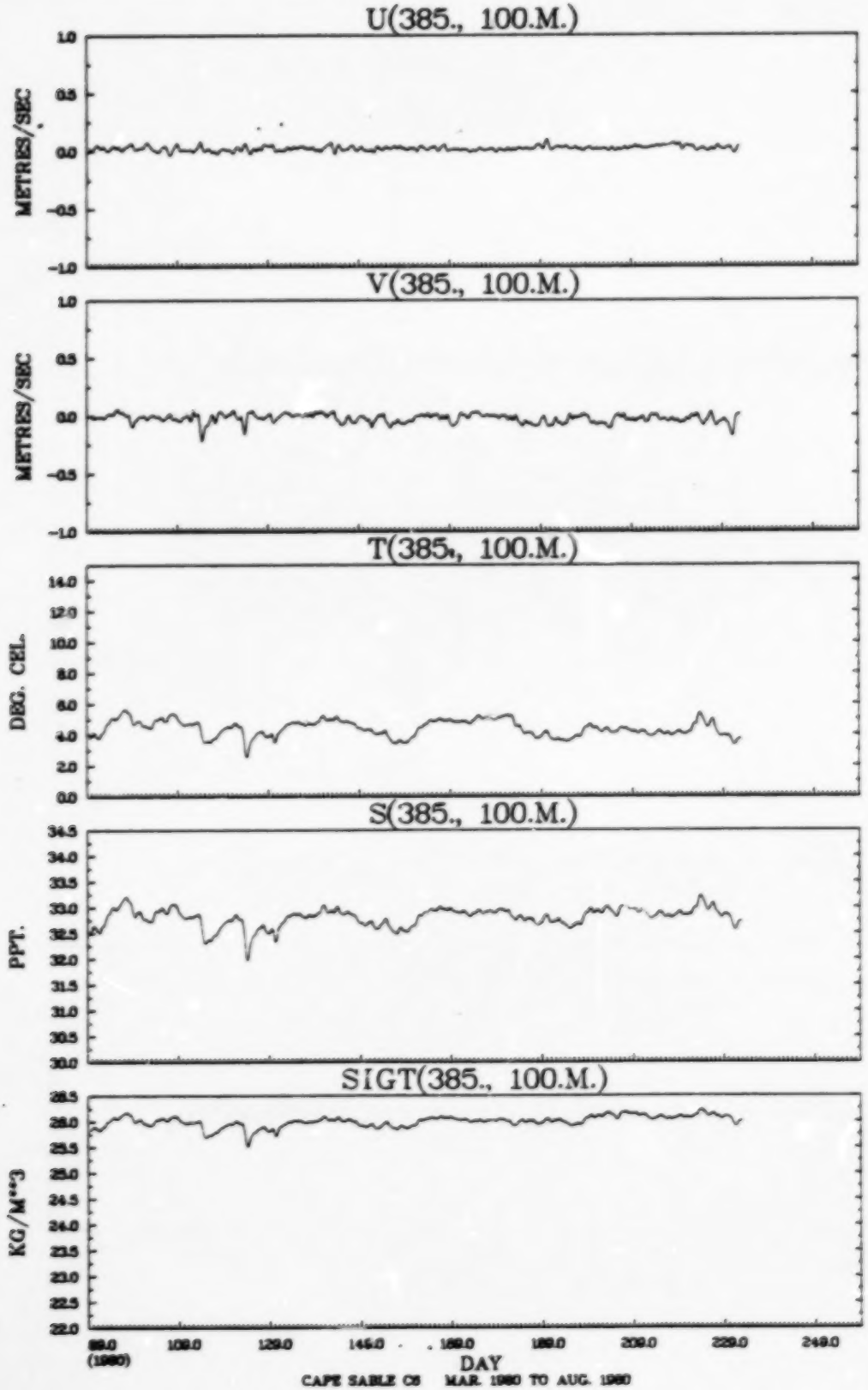


STN. 385, 100 M.



CAPE SABLE C8 AUG. 1980 TO AUG.


R(385., 100.M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(385., 100.M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(385., 100.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(385., 100.M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
88.0
(1980)
108.0
128.0
148.0
168.0
188.0
208.0
228.0
248.0
DAY
CAPE SABLE CS MAR. 1980 TO AUG. 1980


U(385., 100.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(385., 100.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(385., 100.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(385., 100.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(385., 100.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
89.0
(1980)
109.0
129.0
149.0
169.0
189.0
209.0
229.0
249.0
DAY
CAPE SABLE C6 MAR. 1980 TO AUG. 1980

JOINT DISTRIBUTION (PERCENT)

D(385., 100.M.) VS R(385., 100.M.)

DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90		*												
.70 TO	.80		*												
.60 TO	.70		*												
.50 TO	.60		*												
.40 TO	.50	2	*								.1				
.30 TO	.40	43	*			.2	.1	.1	.1	.1	.6	.2			
.20 TO	.30	603	*		.6	2.9	1.7	1.1	.9	.9	3.9	4.7	.1		.0
.10 TO	.20	1753	*	.3	2.6	7.7	7.4	3.6	2.2	3.4	4.9	11.1	4.6	1.2	.1
-.00 TO	.10	1168	*	1.9	2.0	2.9	3.9	3.3	2.3	2.4	3.1	4.2	3.1	2.1	1.7
OUT OF RANGE		0	0												
SUB TOTAL		3569	0	78	182	490	468	288	196	239	448	718	278	118	66

JOINT DISTRIBUTION (PERCENT)

T(385., 100.M.) VS S(385., 100.M.)

PPT.	DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50	518	*			4.6	9.9						
32.50 TO	33.00	2662	*			67.3	7.3						
32.00 TO	32.50	354	*		.7	9.2							
31.50 TO	32.00	35	*		1.0								
31.00 TO	31.50		*										
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3569	0		60	2893	616						